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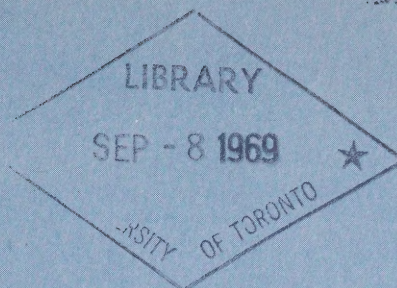
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Government
Publications

DEPARTMENT OF ENERGY, MINES AND RESOURCES
Ottawa

LABRADOR and IRMINGER SEAS

March 12 to May 12, 1966

No. 1

1969 Data Record Series

Canadian Oceanographic Data Centre

Programmed by the
Canadian Committee on Oceanography

1969

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1969

CANADIAN OCEANOGRAPHIC DATA CENTRE

ERRATA

TO

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LABRADOR and IRMINGER SEAS

March 12 to May 12, 1966

CODC Reference: 10-66-001

No. 1

1969 Data Record Series

DEPARTMENT OF ENERGY, MINES AND RESOURCES

Canadian Oceanographic Data Centre

615 Booth St., Ottawa, Canada

Programmed by the Canadian Committee on Oceanography

DEPARTMENT OF ENERGY, MINES AND RESOURCES

MARINE SCIENCES BRANCH

LABRADOR and IRMINGER SEAS

Ship:	CSS "Hudson"
Local cruise designation:	BIO 0266
CÓDC cruise reference no:	10-66-001
Cruise period:	March 12 - May 12, 1966
Scientist-in-Charge:	J.R.N. Lazier
Observers:	C.K. Ross R.F. Reiniger A.B. Grant W. Young

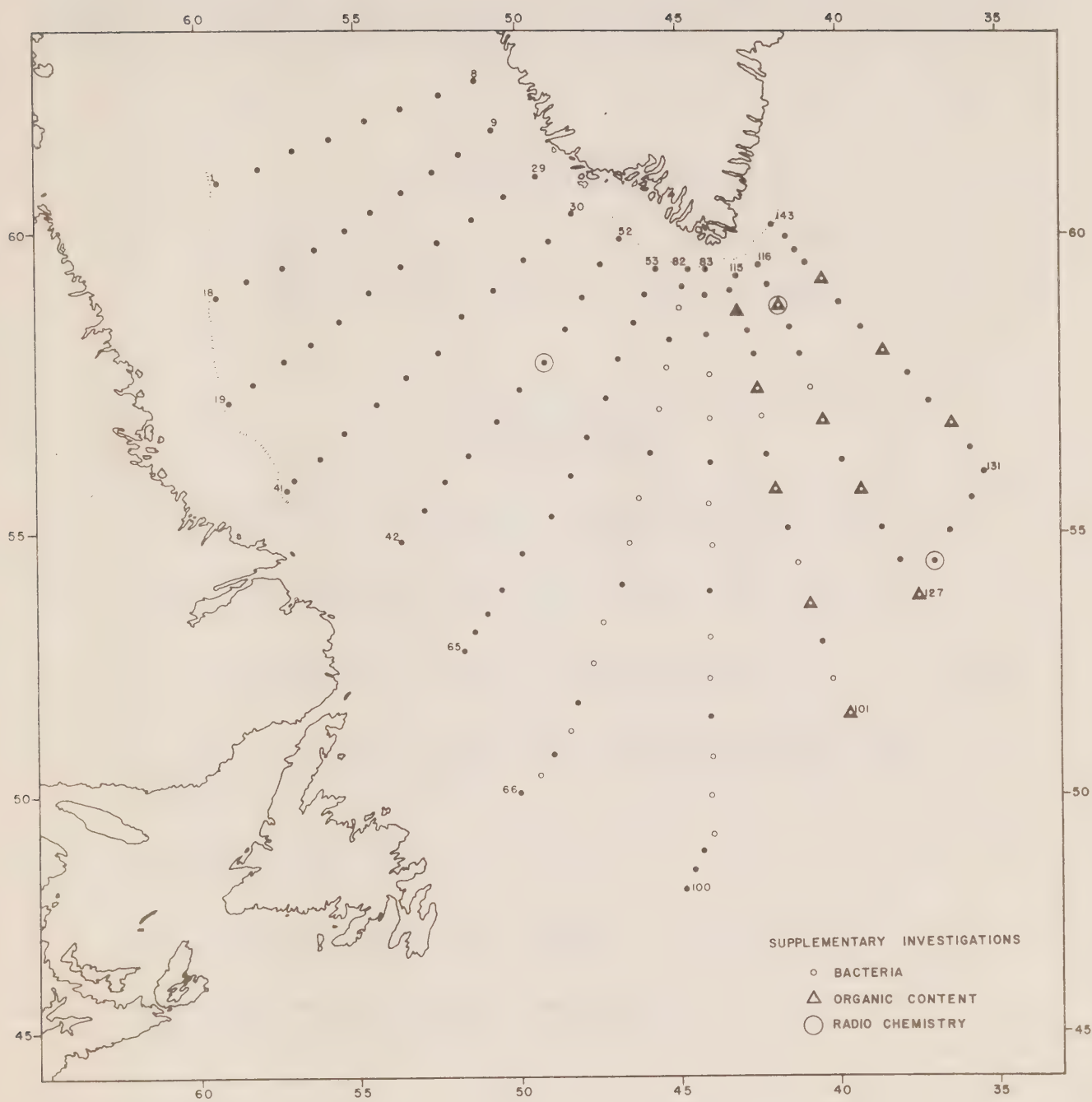
ATLANTIC OCEANOGRAPHIC LABORATORY

BEDFORD INSTITUTE, Dartmouth, N.S.

SECTION I

Description of data collection procedures





INTRODUCTION

The object of this cruise was to collect oceanographic data for further studies of ocean circulation in the area of the Labrador and Irminger Seas and to provide, where possible, time and facilities for supplementary programs especially those of Dalhousie University.

EXTRACT OF CRUISE LOG

Depart Halifax, N.S.	12 March, 1966
Return Halifax, N.S.	12 May, 1966

OBSERVATIONS TAKEN

1. 143 oceanographic stations in the Labrador and Irminger Seas at which temperature, salinity and dissolved oxygen were observed.
2. 28 large volume water samples for radiochemical studies were collected at 3 stations.
3. 5 ten-litre samples for use in rare earth studies by Mr. Ove Hogdahl of the Institute for Industrial Research, Oslo.
4. 72 thirty-litre samples at 12 stations for particulate and dissolved organic studies by D. Gordon and R. Pocklington at Dalhousie University.
5. Samples for bacteria studies were taken at 31 stations by E. Batoosingh at Dalhousie.
6. VLF Navigation trials were conducted between April 23 and May 12 by J. Propsma of the Tracor Company.
7. A sea bird survey was carried out between April 23 and May 12 by Dr. R.G.B. Brown of Dalhousie University.

OBSERVATIONAL AND LABORATORY PROCEDURES

Samples at the oceanographic stations were taken with Knudsen reversing bottles at every 50 meters to 300 meters, every 100 meters to 1600 meters, then every 200 meters to the bottom. To obtain the surface sample a bucket was used for the first part of the cruise and a Knudsen bottle for the remainder. Two Richter and Wiese or Yoshino protected thermometers were used on each bottle and unprotected thermometers were used on each bottle below 300 meters.

The sea surface temperature was measured continuously with a VSI thermistor. The thermistor was attached to the end of a long cable which was in turn inserted inside a piece of hollow braided rope. The cable was towed from a boom on the starboard side. This device is a slight modification of the thermistor imbedded in a bathythermograph body and had the advantage of not catching seaweed or ice.

Duplicate salinities were drawn from all bottles, but due to a lack of salinity bottles, men and machines, only about 30% of the duplicates were run and were used mainly as a check on the original samples. Salinity determinations were made with an Autolab inductive salinometer. Those up to station 103 were made at sea while the remainder were brought back to the Bedford Institute in wax sealed bottles. Duplicate samples showed some difference up to 0.04%. Silica was not reported on this cruise.

Dissolved oxygen was determined at all depths except the surface by the modified Winkler method (Strickland and Parsons 1960) and was further modified (Montgomery et. al. 1964) by adding 1 ml. of an iodide solution containing sodium azide to the 50 ml. aliquot before titrating.

Molybdate Reactive Silicate was determined at stations one - eight only by "Grasshoff's Yellow method".

A pinger in conjunction with a Giffit recorder and memoscope were used to position the deep cast near the bottom. It was almost impossible to receive good signals from the pinger in a heavy sea due to backwash from the propellers. An over-the-side hydrophone may solve this problem.

PERSONNELAt Sea

J.R.N. Lazier
C.K. Ross
R.F. Reiniger
A.B. Grant
W. Young
A.R. Parsons
B.D. Price
B.D. Carson
R.S. Hiltz
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R. Pocklington
J. Propsma
R. Brown
D.C. Gordon

Officer-in-Charge

Data Analyses

Compilation of data:

R.F. Reiniger
C.K. Ross
A.B. Grant

Salinity determinations:

B. Carson

SECTION II

Description of the machine-generated data record

INTRODUCTION

This section applies to the machine processing phase of the data reduction and computation.

The oceanographic data previously recorded on CODC data summary forms, a sample of which is shown on the next page, are transferred to punch-cards for subsequent electronic data processing on an IBM 1620 computer, using CODC's OCEANS II program. In addition to computing routine derived quantities, the program carries out unit and format conversions, range checks, plausibility tests, internal editing, and if required, interpolation at standard oceanographic depths. When interpolations are carried out, additional derived values are computed.

After the data have been processed, the data record is prepared using an IBM 1401 computer configuration with the OCEAN REPORT III program, which provides for pre-edited high speed print-out on continuous direct-image masters. These masters subsequently yield the required volume of copies for distribution.

Provision has been made to enter an "estimate of precision" for each observed variable selected for interpolation at standard oceanographic depths. The precision depends on the instrument and/or technique used to determine the variable. A standard precision stated as a **standard deviation** (σ) can be determined for each instrument or technique under routine field conditions by making duplicate determinations of the variables for a homogeneous sample of sea water. These standard deviations are given for each cruise under "GENERAL INFORMATION" in section III of the data record.

The **measurement error estimate** of a specific observation in this data record, is stated as a multiple of the standard deviation derived as above, and entered in a column immediately to the right of the reported variable. In order to distinguish it from an additional decimal digit, the measurement error estimate is recorded alphabetically, (i.e., $1\sigma = A$, $2\sigma = B$, etc.; in this data record "A" is suppressed).

An option is provided with respect to the measurement of the salinity variable. If observed to three decimal digits, the last digit takes the place of the measurement error estimate.

In the past, a number of methods for both manual and machine interpolation have been developed. Studies and comparisons of the several methods have shown that no single method is universally acceptable. The manual methods are the most elaborate and flexible, but often require subjective decisions. In machine interpolation, all the present methods fail to yield acceptable results under some circumstances. Hence, it is considered necessary to qualify interpolated values by stating an "interpolation error estimate" derived from the particular interpolation formula used. There are two purposes in stating the error estimates; **first**, to give an indication of the quality of the interpolated data; **second**, to allow the oceanographer to redesign his observational procedures in order to reduce interpolation errors in future observations.

The interpolation scheme chosen for the OCEANS II program consists of a combination of two 3-point interpolations using the Lagrangian interpolation polynomial, as recommended by Rattray (1962). A parabola is fitted through three values of a given variable (T , S , O_2) considered as a function of depth. The two interpolation parabolas require a total of four points (observed depths). The middle points are common to both parabolas. The average of the two values obtained from the parabolas at standard depth is taken as the interpolated value, and a function of their difference as an estimate of the interpolation error.

This function combined with the "measurement error estimate" comprises the "combined measurement and interpolation error estimate". It is expressed as a multiple of the standard deviation of measurement (σ) under normal routine field conditions by:

CANADIAN OCEANOGRAPHIC DATA CENTRE

[illegible]

$$\frac{\sigma_i}{\sigma} = \left\{ \frac{(\Delta V_i)^2}{\sigma^2} + \sum_{n=j-2}^{j+1} (\gamma_n)^2 \left(\frac{\sigma_n}{\sigma} \right)^2 \right\}^{1/2}, \text{ where}$$

σ = Standard deviation of the combined error estimates at standard oceanographic depth,

ΔV_i = the interpolation error estimate of variable "V" at standard oceanographic depth = $^{1/3} (V_{i_1} - V_{i_2})$

γ = Interpolation polynomial coefficient.

Z_j = Observed depth.

Z_i = Standard oceanographic depth, such that: $Z_{j-2} < Z_{j-1} < Z_i < Z_j < Z_{j+1}$

The integral part of the fraction $\frac{\sigma_i}{\sigma}$, if ≥ 2 , is reported in this Data Record following the interpolated variable. It represents the **combined measurement and interpolation error estimate**. In order to distinguish it from an additional decimal digit, it is recorded alphabetically (e.g.: 2 as "B", 3 as "C", etc.).

With respect to the interpolated value of the salinity variable if reported to three decimal digits, the **interpolation error estimate** is given only when $\frac{\sigma_i}{\sigma} \geq 2$ (the salinity is then recorded to two decimal places). If less than 2, the mean obtained from the two interpolation parabolas is reported to three decimal places.

EXPLANATION OF DATA RECORD HEADINGS

MASTER HEADINGS

(1) C-REF-NO	(6) YR	(11) DEPTH	(16) WAVES 1	(21) AIR T	(26) VIS
(2) CONS. NO	(7) MONTH	(12) MXSAMPD	(17) WAVES 2	(22) WET B	(27) STN
(3) LAT	(8) DAY	(13) NO. DPTH	(18) WND-DIR	(23) ww-CODE	
(4) LON	(9) HR	(14) W-COLOR	(19) WND-FCE	(24) CLD-TPE	
(5) MARSD SQ	(10) C/I	(15) W-TRNSP	(20) BARO	(25) CLD-AMT	(28) HW

- (1) CRUISE REFERENCE NUMBER: Assigned by the Institute. Commences with 001 at the beginning of each year (effective Jan. 1, 1963). Prior to that date the CRN was a number designated by CODC.
- (2) CONSECUTIVE NUMBER: Indicates the chronological order in which the stations were occupied.
- (3) LATITUDE: Indicate the position of the platform at the time of observation.
- (4) LONGITUDE:
- (5) MARSDEN SQUARE: Designates the geographic area code of the observation (see Marsden square chart).
- (6) YEAR:
- (7) MONTH:
- (8) DAY:
- (9) HOUR: The time (Greenwich Mean Time) at which the surface environmental data were recorded. It is reported to tenths of hours (Table 1).
If an "X" precedes the value for HOUR, (prior to Jan. 1, 1963) it indicates that the reported time is doubtful.
- (10) COUNTRY/INSTITUTE: The International Geophysical Year (IGY) Country Code/Institute Code - see Table 11.
- (11) DEPTH: The sounding reported in metres. If corrected, this is stated in the "GENERAL INFORMATION" chapter of section III. Charted depths are preceded by the letter "C".
- (12) MAXIMUM SAMPLING DEPTH: A code to indicate the deepest sampling depth (used for high speed sorting).
- 00 m - 50 m = 00
51 m - 150 m = 01
151 m - 250 m = 02
etc.

- (13) NUMBER OF DEPTHS: The number of levels observed (this is entered to initiate a computer safety check, guarding against the loss of punch-cards).
- (14) WATER COLOUR: A code based on the percentage of yellow (see table 2 and Note under FIELD "15" below).
- (15) WATER TRANSPARENCY: The depth in metres at which a Secchi disc (white disc, 30 cm. in diameter) just disappears from view, or the optical density expressed in percentage;
- NOTE: The "GENERAL INFORMATION" chapter in section III of the data record will state which method was used.
- (16) WAVES 1
($d_w d_w P_w H_w$ -code): The direction, period and height of the **wind-propagated** wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (17) WAVES 2
($d_w d_w P_w H_w$ -code): The direction, period and height of the predominant **non-wind-propagated** wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (18) WIND DIRECTION: The true direction to the nearest 10 degrees from which the wind is blowing (wind direction 990 means:—wind variable or direction unknown).
- (19) WIND FORCE (WND-FCE): Beaufort notation (See Table 6).
- WIND SPEED (WND-SPD): Anemometer reading reported in metres per second. Instrument height reported in "GENERAL INFORMATION" chapter of section III.
- (20) BAROMETER: The barometric pressure reported in millibars; the "GENERAL INFORMATION" chapter in Section III of the data record will state the type of instrument used.
- (21) AIR TEMPERATURE: In degrees Celsius.
- (22) WET BULB: In degrees Celsius.
- (23) ww CODE: Present Weather Code (See Table 7). Ref: WMO Code 4677
- (24) CLOUD TYPE: The type of predominating clouds (See Table 8). Ref: WMO Code 0500.
- (25) CLOUD AMOUNT: The sky coverage in eighths (See Table 9) Ref: WMO Code 2700
- (26) VISIBILITY: Visibility at the surface (See Table 10). Ref: WMO Code 4300.
- (27) STATION: A station reference number, assigned by the institute prior to, or during the survey.
- (28) HOURS AFTER HIGH WATER: Indicates the state of the tide for nearshore observations.

OBSERVED DATA HEADINGS

(1) GMT	(2) DEPTH	(3) TEMP	(4) SAL	(5) OXYGEN	(6) SGMT
(7) SOUND	(8) PO_4	(9) -P-	(10) NO_2	(11) NO_3	(12) SiO_2
				(13) pH.	

NOTE: Headings (1) to (7) will always be present. Headings (8) to (13) appear only when one or more additional chemical entries were made.

- (1) G.M.T.: The Greenwich Mean Time of (in-situ) thermometer inversion and sea water sample collection.
- When a multiple cast was initiated prior to and continued after midnight, the times indicated are uninterrupted by the change of day and appear beyond 24.0 hours. This will be accompanied by a statement: "MULTIPLE CAST CONTINUED NEXT DAY", which is printed following the last level of observed values.
- (2) DEPTH: The depth in metres at the reversal time of deepest cast.
- (3) TEMPERATURE: Temperatures from deepsea reversing thermometers, read to 0.01° C. Surface temperature measurement procedures are described in the chapter "OBSERVATION PROCEDURES" of section I, and/or the "GENERAL INFORMATION" chapter of section III. An alphabetical character following the temperature value represents the measurement error estimate referred to in the INTRODUCTION to this section.
- (4) SALINITY: Salinity as defined by: $S = 0.03 + 1.805 C1\%$, reported in:
- 1/100 parts per 1000, or
 - 1/1000 parts per 1000.
- In case a: an alphabetical character following the value is the measurement error estimate as referred to under (3).
- In case b: no error estimate indication is provided for, but an additional decimal digit takes its place.
- (5) OXYGEN: The concentration of dissolved oxygen expressed in millilitres per litre to 2 decimal places. An alphabetical character following the value is the measurement error estimate as referred to under (3).
- (6) SIGMA-T: The specific gravity anomaly as defined by: (Specific gravity - 1) X 10^3 (e.g., σ_t reported as 2456, reads 24.56, and corresponds to a specific gravity of 1.02456).
- (7) SOUND: The sound velocity is reported in m/sec. to 1 decimal place (e.g., 1437.9 m/sec.). The computation is carried out using Wilson's formula (1960), expressed in terms of temperature, salinity and total pressure.

(8) PO ₄	Phosphate-Phosphorus reported to hundredths of microgram-atoms per litre.
(9) -P-	Total Phosphorus reported to hundredths of microgram-atoms per litre.
(10) NO ₂	Nitrite-Nitrogen reported to hundredths of microgram-atoms per litre — No dissolved nitrogen included —
(11) NO ₃	Nitrate-Nitrogen reported to tenths of microgram-atoms per litre.
(12) SiO ₂	Silicate-Silicon reported in whole microgram-atoms per litre.
(13) pH	The pH value.

NOTE: "TRC" (trace) is reported when a chemical entry has a value less than the standard deviation of measurement for that particular variable.

INTERPOLATED DATA HEADINGS

(1) DEPTH	(2) TEMP	(3) SAL	(4) OXYGEN	(5) SGMT	(6) SOUND
(7) DELTA-D	(8) POT-EN	(9) SVA.			

- (1) DEPTH: Standard Oceanographic Depth in whole metres, as well as additional depths: 125, 175, 225, 3500, 4500, 5500, 6500, 7500, 8500, 9500.
- (2) TEMPERATURE: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "INTRODUCTION" to section II of the data record).
- (3) SALINITY: A. The reported salinity values are measured to three decimal places.
 (i) the interpolation error estimate is less than twice the standard deviation of measurement
 —the interpolated value is reported to three decimal places (e.g., 30.139).
 (ii) the interpolation error estimate is equal to or greater than twice the standard deviation of measurement.
 —the interpolated value is reported to two decimal places, and followed by the interpolation error estimate (e.g., 29.23 C).
 B. The reported salinity values are measured to two decimal places and followed by the measurement error estimate.
 —the interpolated value is reported to two decimal places, and followed by the combined measurement and interpolation error estimate (e.g., 30.59 B).
- (4) OXYGEN: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "Introduction" to section II of the data record).

(5) SIGMA-T: Computed from temperature and salinity values at standard oceanographic depth.

(6) SOUND VELOCITY: Computed from temperature, salinity and total pressure values at standard oceanographic depth, using Wilson's formula (1960).

(7) DELTA-D: The geo-potential anomaly as defined by:

$$\Delta D = \int_0^P \delta dp$$

ΔD is expressed in dynamic metres (10^5 ergs/gram) and recorded to three decimal places (e.g., 2.345 dyn. metres).

(8) POTENTIAL ENERGY ANOMALY:

The Potential energy anomaly χ as defined by:

$$\chi = 1/g \int_0^P p \delta dp = \int_0^Z \rho p \delta dz$$

χ is expressed in units of 10^8 ergs/cm² and recorded to two decimal places (e.g., 116.44).

(9) SPECIFIC VOLUME ANOMALY:

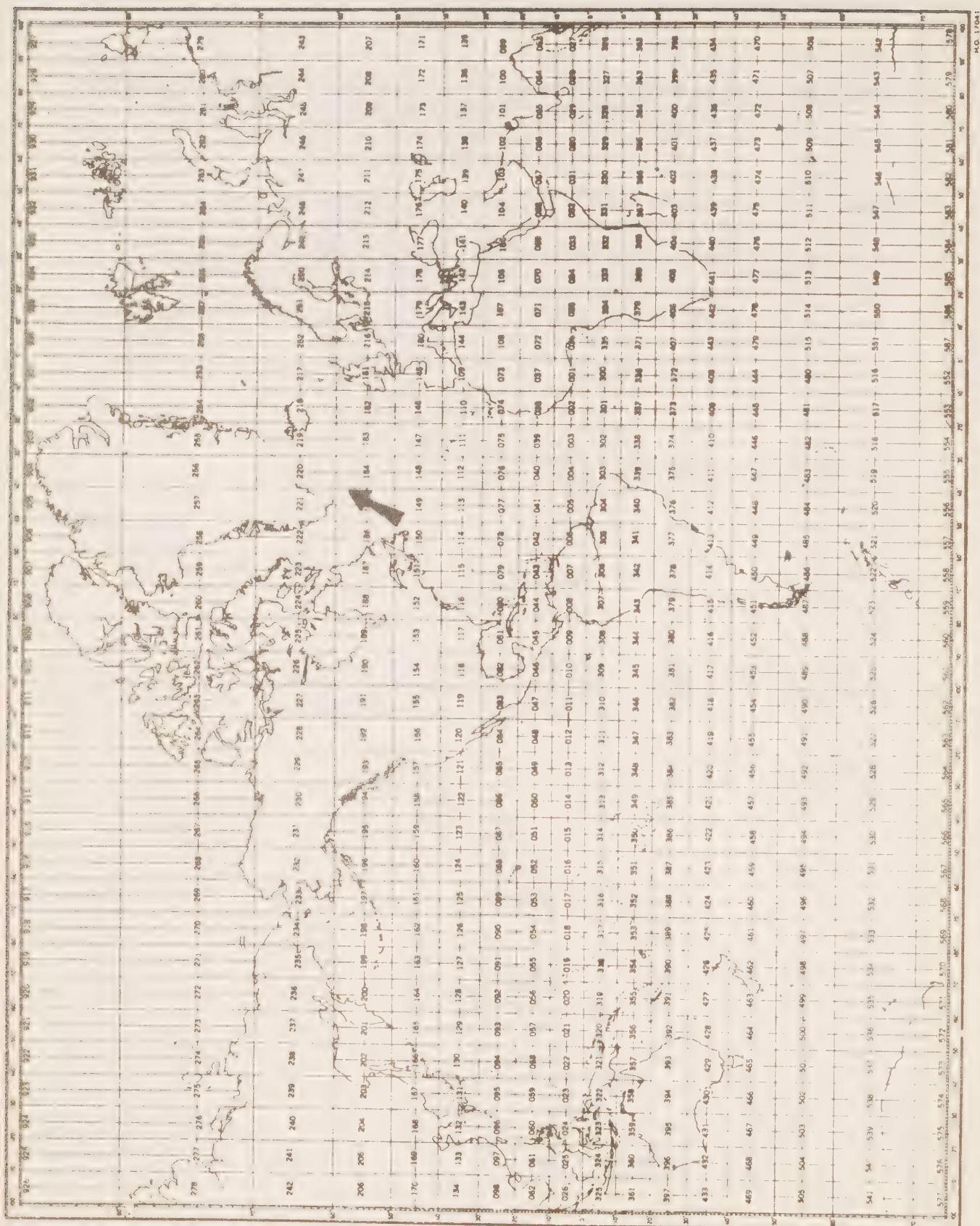
The specific volume anomaly as defined by:

$$\delta = \alpha - \alpha_{35.0.P}$$

δ is expressed in ml/gr, and conventionally reported as $10^5 \delta$, to one decimal place (i.e., δ reported as 1234, reads 123.4, and corresponds to a specific volume anomaly of 0.001234 ml/gr.).

SPECIAL CHARACTERS

- ‡ (Record mark): is used to indicate inconsistencies which are printed in an area below the "Observed Data". A corresponding record mark at the extreme left hand side indicates the level at which the inconsistency occurs
- * (Asterisk): this character may occur in the **interpolated** portion of the data record. It is printed at the extreme left hand side of the page, when three or more standard depth levels fall within any one **observed depth interval**. The **third**, and all consequent levels are preceded by the asterisk to indicate that more than **two** machine interpolations were carried out, utilizing the same set of interpolation parabolas. The asterisk will also appear when the last standard depth is an extrapolation and there are at least two interpolations between the last two observed depths.



MARSDEN SQUARE CHART

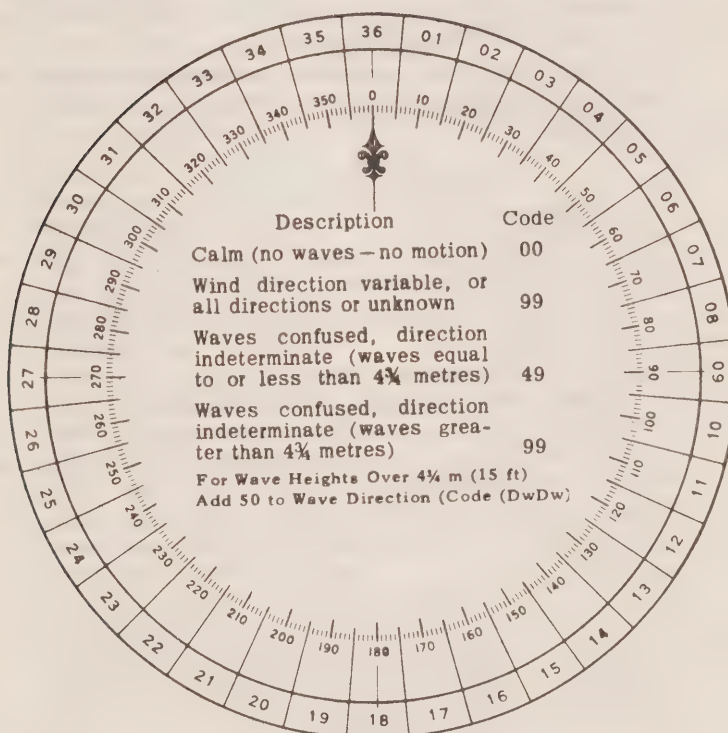
Table 1
CONVERSION
MINUTES TO $\frac{1}{10}$ HRS.

Minutes	Tenths Hrs.
00-03	0
04-08	1
09-15	2
16-20	3
21-27	4
28-32	5
33-39	6
40-44	7
45-51	8
52-56	9
57-59	0 (next HR.)

Table 2
WATER COLOR CODE
Based on Percentage Yellow

Code:	Description
00	Deep Blue
10	Blue
20	Greenish Blue
30	Bluish Green
40	Green
50	Light Green
60	Yellowish Green
70	Yellow Green
80	Green Yellow
90	Greenish Yellow
99	Yellow

Table 3. DIRECTION CODE (dd)



NOTE:

Always use the true direction from which the wind is blowing, or the direction from which Waves I (sea), or Waves II (swell) come.

Table 4. PERIOD OF THE WAVES (P_w)
(Measure to the Nearest Second)

Code:	Period in Seconds:	Code:	Period in Seconds:
2	5 sec. or less	8	16 or 17 sec.
3	6 or 7 sec.	9	18 or 19 sec.
4	8 or 9 sec.	0	20 or 21 sec.
5	10 or 11 sec.	1	Over 21 sec.
6	12 or 13 sec.	X	Calm, or period not determined
7	14 or 15 sec.		

Table 5. HEIGHT OF THE WAVES (H_w)

- The average value of the wave height (vertical distance between trough and crest) is reported, as obtained from the larger well formed waves of the wave system being observed.
- Each code figure provides for reporting a range of heights. For example: 1 = $\frac{1}{4}$ m (1 ft) to $\frac{3}{4}$ m ($2\frac{1}{2}$ ft); 5 = $2\frac{1}{4}$ m (7 ft) to $2\frac{3}{4}$ m (9 ft); 9 = $4\frac{1}{4}$ m ($13\frac{1}{2}$ ft) to $4\frac{3}{4}$ m (15 ft), etc.
- If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported; e.g. a height of $2\frac{3}{4}$ m is reported by code figure 5.

Code			Code
0	Less than ¼ m (1 ft)	Add 50 to Dw Dw	0 5 m (16 ft)
1	½ m (1½ ft)		1 5½ m (17½ ft)
2	1 m (3 ft)		2 6 m (19 ft)
3	1½ m (5 ft)		3 6½ m (21 ft)
4	2 m (6½ ft)		4 7 m (22½ ft)
5	2½ m (8 ft)		5 7½ m (24 ft)
6	3 m (9½ ft)		6 8 m (25½ ft)
7	3½ m (11 ft)		7 8½ m (27 ft)
8	4 m (13 ft)		8 9 m (29 ft)
9	4½ m (14 ft)		9 9½ m (30½ ft) or more
x	Height not determined		

Table 6. WIND FORCE CODE

The Beaufort force of the wind is estimated from the appearance of the sea surface, according to the table below. This table is only intended as a guide to show roughly what may be expected on the open sea, remote from land. Factors which must be taken into account are the "lag" effect between the wind increasing and the sea getting up; and the influence of "fetch", depth, swell, heavy rain and tide effect on the appearance of the sea. Estimation of the wind force by this method becomes unreliable in shallow water or when close inshore, owing to the tidal effect and the shelter provided by the land.

Code	Appearance of sea if fetch and duration of the blow have been sufficient to develop the sea fully	Description
00	Sea like a mirror	Calm
01	Ripples with the appearance of scales are formed, but without foam crests.	Light Air
02	Small wavelets; crests have a glassy appearance and do not break.	Light Breeze
03	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses.	Gentle Breeze
04	Small waves, becoming longer; fairly frequent white horses.	Moderate breeze
05	Moderate waves; many white horses are formed (chance of some spray)	Fresh Breeze
06	Large waves; white foam crests everywhere (probably some spray)	Strong Breeze
07	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind.	Near Gale
08	Moderately high waves; edges of crests begin to break into the spindrift; foam is blown in well-marked streaks along the direction of the wind.	Gale
09	High waves; dense streaks of foam along wind; crests begin to topple, tumble and roll over; spray may affect visibility.	Strong Gale
10	Very high waves with long overhanging crests; foam in great patches blown in dense white streaks along wind; sea surface takes a white appearance; tumbling becomes heavy and shock-like; visibility affected.	Storm
11	Exceptionally high waves (medium sized ships may be lost to view behind waves); sea covered with long white patches of foam lying along the wind; everywhere edges of crests are blown into froth; visibility affected.	Violent Storm
12	Air is filled with foam and spray; sea completely white with driving spray; visibility seriously affected.	Hurricane

Table 7. PRESENT WEATHER

W.W. CODE

NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

Code figure		ww
No meteors except photometeors	{	00 Cloud development not observed or not observable
		01 Clouds generally dissolving or becoming less developed
		02 State of sky on the whole unchanged
		03 Clouds generally forming or developing
Haze, dust, sand or smoke	{	04 Visibility reduced by smoke, e.g. veldt or forest fires, industrial smoke or volcanic ashes
		05 Haze
		06 Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
		07 Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen
		08 Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no dustorm or sandstorm
		09 Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour
		10 Mist
		11 { Patches of } shallow fog or ice fog at the station, whether on land or sea, not
		12 { More of less } deeper than about 2 metres on land or 10 metres at sea
		13 Lightning visible, no thunder heard
		14 Precipitation within sight, not reaching the ground or the surface of the sea
		15 Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station
		16 Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station
		17 Thunderstorm, but no precepitation at the time of observation
		18 Squalls } at or within sight of the station during the preceding hour
19 Funnel clouds } or at the time of observation		

ww = 20 - 29	Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation
20	Drizzle (not freezing) or snow grains
21	Rain (not freezing)
22	Snow
23	Rain and snow or ice pellets, type (a)
24	Freezing drizzle or freezing rain
25	Shower(s) of rain
26	Shower(s) of snow, or of rain and snow
27	Shower(s) of hail, or of rain and hail
28	Fog or ice fog
29	Thunderstorm (with or without precipitation)
ww = 30 - 39	Duststorm, sandstorm, drifting or blowing snow
30	{ Slight or moderate dust-storm or sand-storm } - has decreased during the preceding hour
31	{ } - no appreciable change during the preceding hour
32	{ } - has begun or has increased during the preceding hour
33	{ Severe dust-storm or sand-storm } - has decreased during the preceding hour
34	{ } - no appreciable change during the preceding hour
35	{ } - has begun or has increased during the preceding hour
36	Slight or moderate blowing snow } generally low (below eye level)
37	Heavy drifting snow }
38	Slight or moderate blowing snow } generally high (above eye level)
39	Heavy blowing snow }
ww = 40 - 49	Fog or ice fog at the time of observation
40	Fog or ice fog at a distance at the time of observation, but not at the station during the preceding hour, the fog or ice fog extending to a level above that of the observer
41	Fog or ice fog in patches
42	Fog or ice fog, sky visible
43	Fog or ice fog, sky invisible
44	Fog or ice fog, sky visible
45	Fog or ice fog, sky invisible
46	Fog or ice fog, sky visible
47	Fog or ice fog, sky invisible
48	Fog, depositing rime, sky visible
49	Fog, depositing rime, sky invisible

NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

PRECIPITATION ON STATION AT TIME OF OBSERVATION

ww = 50 - 59 Drizzle

50	Drizzle, not freezing, intermittent	} slight at time of observation
51	Drizzle, not freezing, continuous	
52	Drizzle, not freezing, intermittent	} moderate at time of observation
53	Drizzle, not freezing, continuous	
54	Drizzle, not freezing, intermittent	} heavy (dense) at time of observation
55	Drizzle, not freezing, continuous	
56	Drizzle, freezing, slight	
57	Drizzle, freezing, moderate or heavy (dense)	
58	Drizzle and rain, slight	
59	Drizzle and rain, moderate or heavy	

ww = 60 - 69 Rain

60	Rain, not freezing, intermittent	} slight at time of observation
61	Rain, not freezing, continuous	
62	Rain, not freezing, intermittent	} moderate at time of observation
63	Rain, not freezing, continuous	
64	Rain, not freezing, intermittent	} heavy at time of observation
65	Rain, not freezing, continuous	
66	Rain, freezing, slight	
67	Rain, freezing, moderate or heavy	
68	Rain or drizzle and snow, slight	
69	Rain or drizzle and snow, moderate or heavy	

70 - 79 Solid precipitation not in showers

ww

70	Intermittent fall of snow flakes	} slight at time of observation
71	Continuous fall of snow flakes	
72	Intermittent fall of snow flakes	} moderate at time of observation
73	Continuous fall of snow flakes	
74	Intermittent fall of snow flakes	} heavy at time of observation
75	Continuous fall of snow flakes	
76	Ice prisms (with or without fog)	
77	Snow grains (with or without fog)	
78	Isolated starlike snow crystals (with or without fog)	
79	Ice pellets, type (a)	

ww = 80 - 99 Showery precipitation, or precipitation with current or recent thunderstorm

80	Rain shower(s), slight	
81	Rain shower(s), moderate or heavy	
82	Rain shower(s), violent	
83	Shower(s) of rain and snow mixed, slight	
84	Shower(s) of rain and snow mixed, moderate or heavy	
85	Snow shower(s), slight	
86	Snow shower(s), moderate or heavy	
87	Shower(s) of snow pellets or ice pellets, type (b), with or without rain	} - slight
88	or rain and snow mixed	
89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder	} - moderate or heavy
90		
91	Slight rain at time of observation	
92	Moderate or heavy rain at time of observation	} thunderstorm during the preceding hour but not at time of observation
93	Slight snow, or rain and snow mixed or hail at time of observation	
94	Moderate or heavy snow, or rain and snow mixed or hail at time of observation	
95	Thunderstorm, slight or moderate, without hail, but with rain and/or snow at time of observation	} thunderstorm at time of observation
96	Thunderstorm, slight or moderate, with hail at time of observation	
97	Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation	
98	Thunderstorm, combined with duststorm or sandstorm at time of observation	
99	Thunderstorm, heavy, with hail at time of observation	

PRECIPITATION ON STATION AT TIME OF OBSERVATION

Table 8. CLOUD TYPE CODE

Code	Cloud Type	Code	Cloud Type
0	Cirrus Ci	5	Nimbostratus Ns
1	Cirrocumulus Cc	6	Stratocumulus Sc
2	Cirrostratus Cs	7	Stratus St
3	Alto cumulus Ac	8	Cumulus Cu
4	Altostratus As	9	Cumulonimbus Cb
x	Cloud not visible owing to darkness, fog, duststorm, sandstorm, or other analogous phenomena		

Table 9. CLOUD AMOUNT CODE

Code	Cloud Cover	Code	Cloud Cover
0	0	6	6 oktas
1	1 okta or less, but not zero	7	7 oktas or more, but not 8 oktas
2	2 oktas	8	8 oktas
3	3 oktas	9	Sky obscured, or cloud amount cannot be estimated
4	4 oktas		
5	5 oktas		

Note: 1 okta = $\frac{1}{8}$ of the sky covered

Table 10. VISIBILITY

Code	Estimate of hor. Visibility
0	Less than 50 metres (less than 55 yards)
1	50-200 metres (approx. 55-220 yards)
2	200-500 metres (approx. 220-550 yards)
3	500-1,000 metres (approx. 550 yards- $\frac{1}{2}$ n.m.)
4	1-2 km (approx. $\frac{1}{4}$ -1 n.m.)
5	2-4 km (approx. 1-2 n.m.)
6	4-10 km (approx. 2-6 n.m.)
7	10-20 km (approx. 6-12 n.m.)
8	20-50 km (approx. 12-30 n.m.)
9	50 km or more (30 n.m. or more)

Note: n.m. = nautical mile

TABLE 11. INSTITUTE CODE

Code	Institute
01	Marine Ecology Laboratory, Bedford Institute
02	Pacific Oceanographic Group
03	Biological Station, St. Andrews, N.B.
04	Arctic Biological Station, Ste. Anne de Bellevue, P.Q.
05	Biological Station, St. John's Nfld.
06	Station de Biologie Marine, Grande Riviere, P.Q.
07	Marine Sciences Branch, Central Region
08	Defence Research Establishment, Atlantic
09	Defence Research Establishment, Pacific
10	Atlantic Oceanographic Laboratory, Bedford Institute
11	Polar Continental Shelf Project
12	Great Lakes Institute
13	Institute of Oceanography, University of British Columbia
14	Institute of Oceanography, Dalhousie University
15	Marine Sciences Branch, Pacific Region
16	Department of Transport
17	Marine Sciences Centre, McGill University
18	Canadian Forces Maritime Command, East Coast
19	Canadian Forces Maritime Command, West Coast
20	Ontario Water Resources Commission
21	Dept. of National Health and Welfare
22	Inland Waters Branch, Dept. of Energy, Mines and Resources.

SECTION III

Serial oceanographic data

GENERAL INFORMATION

<u>Institute:</u>	Atlantic Oceanographic Laboratory
<u>Observation platform:</u>	CSS "HUDSON"
<u>Vessel's cruising speed:</u>	14 knots
<u>Total number of stations occupied:</u>	143
<u>Anemometer height above sea level:</u>	25 meters
<u>Barometer readings:</u>	Aneroid Barometer (corrected)
<u>Air temperature:</u>	Sling Psychrometer
<u>Wet bulb temperature:</u>	Sling Psychrometer
<u>Surface sea water temperature:</u>	Reversing Thermometer

The following Standard Deviations were used to express both measurement and interpolation error estimates.

Temperature	0.02
Salinity	0.003

C-REF-NO 001	YR 1966	DEPTH 2280	WAVES 1 XX	AIR T -10.0	VIS
CONS. NO 001	MONTH 3	MXSAMPD 19	WAVES 2 XX	WET B -10.0	STN
LAT 60-464N	DAY 17	NO.DPTH 21	WND-DIR 310	WW-CODE 70	
LON 59-177W	HR 14.0	W-COLOR	WND-SPD 11	CLD-TPE 8	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1006.1	CLD-AMT 6	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
140	0000	0000	34095		2740	14480
140	0050	0319	34627	717	2759	14637
140	0100	0385	34717	699	2760	14675
140	0150	0445		683		
140	0199	0393		694		
140	0250	0477	34873	676	2762	14740
140	0299	0485	34882	669	2762	14752
140	0400	0476	34893	663	2764	14765
140	0500	0490	34946	637	2767	14788
140	0600	0453	34922	643	2769	14789
140	0700	0441	34946	618	2772	14801
140	0799	0419	34938	633	2774	14808
140	0899	0398	34934	637	2776	14816
140	0999	0385	34931	645	2777	14827
140	1099	0366	34912	656	2777	14835
140	1200	0367	34924	646	2778	14853
140	1298	0360	34933	650	2780	14866
157	1480	0353	34942	643	2781	14894
157	1581	0348	34941	641	2781	14909
157	1680	0342	34952	643	2783	14923
157	1878	0322	34942	638	2784	14948

C-REF-NO 001	YR 1966	DEPTH 2834	WAVES 1	XX	AIR T		VIS
CONS. NO 002	MONTH 3	MXSAMPD 27	WAVES 2	XX	WET B		STN
LAT 60-591N	DAY 17	NO.DPTH 25	WND-DIR 360		WW-CODE	71	
LON 58-018W	HR 21.2	W-COLOR	WND-SPD 22		CLD-TPE		
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1004.0		CLD-AMT		HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	0360				
212	0049	0436	34838	692	2764	14690
212	0097	0442	34859	692	2765	14700
212	0146	0449	34854	695	2764	14711
212	0194	0444	34848	696	2764	14717
212	0243	0443	34848	690	2764	14725
212	0292	0444	34851	686	2764	14733
212	0389	0445	34857	683	2765	14750
212	0486	0439	34867	677	2766	14763
212	0584	0445	34916	660	2769	14783
218	0699	0435	34943	642	2772	14798
218	0800	0408	34931	665	2774	14803
218	0901	0389	34927	654	2776	14812
218	1000	0378	34921	654	2777	14824
218	1097	0368	34901	658	2776	14835
218	1190	0368	34911	653	2777	14851
218	1279	0359	34906	655	2777	14862
229	1492	0357	34939	656	2780	14898
229	1593	0352	34945	652	2781	14913
229	1692	0345	34945	661	2782	14926
229	1893	0327	34945	643	2784	14953
229	2093	0308	34941	644	2785	14979
229	2294	0286	34931	646	2786	15003
229	2495	0260	34912	652	2787	15027
229	2697	0220	34913	659	2791	15044

C-REF-NO 001	YR 1966	DEPTH 2761	WAVES 1 XX	AIR T 11.7	VIS 4
CONS. NO 003	MONTH 3	MXSAMPD 28	WAVES 2 XX	WET B 11.7	STN
LAT 61-138N	DAY 18	NO.DPTH 26	WND-DIR 310	WW-CODE 71	
LON 56-561W	HR 04.0	W-COLOR	WND-SPD 12	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1002.4	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
040	0000	0380				
040	0050	0438	34880	686	2767	14691
040	0098	0440	34875	689	2767	14700
040	0147	0443	34876	686	2766	14709
040	0195	0439	34874	688	2767	14715
040	0244	0441	34876	691	2767	14724
040	0292	0439	34871	689	2766	14731
040	0389	0435	34874	689	2767	14746
040	0486	0452	34908	664	2768	14769
040	0584	0457	34947	634	2770	14788
040	0684	0426	34946	630	2774	14792
040	0783	0405	34931	639	2775	14799
040	0885	0391	34926	646	2776	14810
040	0986	0373	34920	654	2777	14819
040	1084	0368	34924	651	2778	14834
040	1180	0365	34925	655	2778	14848
040	1272	0359	34929	653	2779	14861
054	1482	0353	34941	646	2781	14894
054	1582	0349	34946	642	2782	14910
054	1680	0344	34948	638	2782	14924
054	1878	0328	34948	639	2784	14951
054	2076	0309	34948	638	2786	14976
054	2275	0289	34947	644	2787	15002
054	2473	0262	34942	646	2789	15024
054	2670	0227	34931	658	2792	15043
054	2768	0196	34924	667	2794	15046

#DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2778	WAVES 1 XX	AIR T	VIS 6
CONS. NO 004	MONTH 3	MXSAMPD 28	WAVES 2 XX	WET B	STN
LAT 61-260N	DAY 18	NO.DPTH 26	WND-DIR 340	WW-CODE 73	
LON 55-440W	HR 09.9	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1001.4	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	0150	34290		2746	14551
099	0050	0282	34469	746	2750	14619
099	0098	0457	34873	696	2765	14707
099	0148	0468	34894	691	2765	14720
099	0197	0461	34891	692	2765	14725
099	0247	0482	34928	685	2766	14742
099	0297	0502	34966	680	2767	14759
099	0396	0495	34967	688	2768	14773
099	0495	0460	34931	662	2769	14774
099	0595	0426	34898	672	2770	14776
099	0695	0444	34959	630	2773	14801
099	0793	0419	34944	630	2774	14807
099	0894	0405	34944	635	2776	14818
099	0995	0392	34943	637	2777	14829
099	1095	0374	34931	645	2778	14838
099	1196	0365	34923	655	2778	14851
099	1297	0367	34931	647	2779	14869
114	1499	0361	34950	642	2781	14901
114	1598	0357	34947	646	2781	14916
114	1699	0350	34952	644	2782	14930
114	1898	0333	34956	640	2784	14956
114	2098	0318	34952	643	2785	14984
114	2297	0299	34946	641	2786	15010
114	2497	0282	34944	640	2788	15037
114	2698	0212	34915	641	2792	15041
114	2799	0189	34916	669	2793	15048

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2789	WAVES 1 3622	AIR T -08.5	VIS 7
CONS. NO 005	MONTH 3	MXSAMPD 27	WAVES 2 36XX	WET B -08.5	STN
LAT 61-400N	DAY 18	NO.DPTH 26	WND-DIR 310	WW-CODE 73	
LON 54-401W	HR 15.3	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1000.9	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
153	0000	0270	34400		2746	14605
153	0050	0256	34394	743	2746	14607
153	0100	0436	34763	706	2758	14697
153	0150	0443	34788	702	2759	14708
153	0199	0486	34882	690	2762	14736
153	0249	0532	34966	678	2763	14764
153	0298	0538	34981	681	2764	14774
153	0399	0545	34995	676	2764	14794
153	0498	0549	35004	677	2764	14812
153	0598	0548	35001	677	2764	14828
153	0698	0544	35002	671	2765	14843
153	0797	0543	35012	670	2765	14859
153	0898	0540	35008	673	2766	14875
153	0998	0524	34994	676	2766	14885
153	1098	0492	34965	676	2768	14888
153	1198	0475	34961	647	2769	14898
153	1296	0444	34963	625	2773	14901
167	1501	0391	34938	633	2777	14913
167	1593	0376	34925	651	2777	14922
167	1686	0370	34931	646	2778	14936
167	1872	0364	34945	640	2780	14965
167	2061	0348	34948	635	2782	14990
167	2253	0327	34949	633	2784	15014
167	2448	0303	34945	637	2786	15037
167	2647	0280	34945	644	2788	15062
167	2746	0258	34939	645	2790	15069

C-REF-NO 001	YR 1966	DEPTH 2862	WAVES 1 2831	AIR T	VIS 6
CONS. NO 006	MONTH 3	MXSAMPD 26	WAVES 2 3635	WET B	STN
LAT 61-527N	DAY 18	NO.DPTH 25	WND-DIR 280	WW-CODE 71	
LON 53-327W	HR 20.8	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1001.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	0385				
208	0050	0403	34770	701	2762	14675
208	0099	0399	34763	705	2762	14681
208	0149	0402	34763	704	2762	14691
208	0198	0406	34776	699	2762	14701
208	0248	0397	34764	701	2762	14705
208	0297	0398	34765	714	2762	14713
208	0395	0503	34931	670	2764	14776
208	0493	0502	34953	655	2766	14792
208	0592	0500	34969	620	2767	14807
208	0691	0470	34949	610	2769	14811
208	0789	0455	34952	625	2771	14821
208	0889	0436	34951	630	2773	14830
208	0988	0428	34967	625	2775	14843
208	1087	0415	34949	630	2775	14854
208	1186	0402	34943	635	2776	14865
208	1284	0389	34941	637	2777	14876
221	1464	0376	34937	640	2778	14901
221	1559	0372	34944	642	2779	14915
221	1653	0365	34942	643	2780	14928
221	1837	0362	34947	640	2780	14958
221	2018	0349	34949	630	2782	14983
221	2200	0330	34947	639	2784	15006
221	2391	0307	34952	640	2786	15029
221	2596	0289	34949	642	2788	15057

C-REF-NO 001	YR 1966	DEPTH 2862	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 3	MXSAMPD 29	WAVES 2	XX	WET B	STN
LAT 62-038N	DAY 19	NO.DPTH 26	WND-DIR		WW-CODE	
LON 52-225W	HR 03.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO		CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0180	34400		2753	14566
043	0050	0313	34597	731	2757	14634
043	0100	0434	34788	694	2760	14696
043	0150	0499	34891	675	2761	14733
043	0200	0476	34874	674	2762	14731
043	0250	0483	34889	672	2763	14743
043	0299	0524	34961	645	2764	14769
043	0400	0505	34955	657	2765	14777
043	0501	0502	34964	663	2767	14793
043	0601	0489	34953	632	2767	14804
043	0701	0467	34940	646	2769	14811
043	0801	0463	34959	636	2771	14827
043	0902	0438	34950	629	2773	14833
043	1002	0416	34940	632	2774	14840
043	1103	0398	34937	632	2776	14850
043	1202	0384	34932	641	2777	14860
043	1301	0378	34932	644	2778	14874
032	1357	0370	34929	649	2778	14880
032	1555	0357	34923	656	2779	14908
032	1753	0359	34944	634	2781	14943
032	1952	0345	34952	634	2783	14971
032	2151	0332	34953	632	2784	14999
032	2350	0310	34949	639	2786	15024
032	2551	0288	34945	636	2787	15049
032	2753	0253	34936	647	2790	15068
032	2855	0230	34929	650	2791	15076

C-REF-NO 001	YR 1966	DEPTH 1536	WAVES 1 XX	AIR T -07.0	VIS
CONS. NO 008	MONTH 3	MXSAMPD 15	WAVES 2 XX	WET B -07.0	STN
LAT 62-167N	DAY 19	NO.DPTH 19	WND-DIR 340	WW-CODE	
LON 51-165W	HR 08.2	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1005.2	CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
082	0000	-0080	33254		2675	14432
082	0050	0276	34291	739	2736	14614
082	0100	0419	34709	709	2756	14689
082	0150	0466	34832	699	2760	14719
082	0200	0475	34863	694	2762	14731
082	0250	0485	34885	694	2762	14744
082	0300	0501	34924	689	2764	14759
082	0401	0517	34971	684	2765	14783
082	0501	0522	34995	679	2767	14802
082	0602	0519	34995	679	2767	14817
082	0701	0509	34995	665	2768	14829
082	0801	0504	34979	675	2768	14844
082	0901	0490	34971	685	2769	14855
082	1001	0485	34967	659	2769	14869
082	1102	0472	34966	654	2770	14881
082	1203	0455	34968	634	2772	14890
082	1303	0431	34962	624	2774	14897
082	1405	0394	34954	631	2778	14899
082	1508	0382	34939	639	2778	14911

C-REF-NO 001	YR 1966	DEPTH 2670	WAVES 1 3622	AIR T -07.8	VIS 3
CONS. NO 009	MONTH 3	MXSAMPD 27	WAVES 2 3634	WET B -07.8	STN
LAT 61-328N	DAY 19	NO.DPTH 26	WND-DIR 310	WW-CODE 86	
LON 50-438W	HR 13.5	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1008.9	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	-0050	33354		2682	14447
135	0050	0179	34027	764	2723	14568
135	0098	0344	34507	728	2747	14654
135	0147	0463	34818	698	2759	14717
135	0196	0503	34938	694	2764	14743
135	0245	0506	34948	686	2765	14752
135	0294	0516	34962	686	2765	14765
135	0392	0522	34984	682	2766	14783
135	0490	0530	35015	682	2767	14803
135	0589	0533	35007	693	2766	14821
135	0689	0529	35004	689	2767	14836
135	0788	0529	35002	686	2766	14852
135	0889	0528	34998	675	2766	14868
135	0990	0525	35000	672	2767	14884
135	1090	0523	34995	675	2767	14900
135	1192	0515	34988	669	2767	14914
135	1292	0499	34981	665	2768	14924
146	1383	0467	34970	641	2771	14926
146	1481	0401	34941	635	2776	14914
146	1582	0378	34943	637	2779	14922
146	1782	0345	34948	635	2782	14942
146	1985	0327	34954	628	2784	14969
146	2189	0316	34946	644	2785	14999
146	2396	0300	34944	647	2786	15027
146	2605	0292	34937	644	2786	15059
146	2710	0272	34937	643	2788	15069

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2971	WAVES 1 XX	AIR T -07.8	VIS 6
CONS. NO 010	MONTH 3	MXSAMPD 30	WAVES 2 3134	WET B -07.8	STN
LAT 61-107N	DAY 19	NO.DPTH 26	WND-DIR 260	WW-CODE 70	
LON 51-460W	HR 18.4	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1007.8	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
183	0000	0280	34482		2751	14610
183	0050	0490	34897	699	2763	14713
183	0100	0522	34976	686	2765	14735
183	0150	0525	34995	721	2766	14745
183	0199	0528	34999	689	2766	14754
183	0250	0526	35009	694	2767	14762
183	0299	0518	34997		2767	14767
183	0401	0508	34986	691	2768	14779
183	0501	0484	34960	693	2768	14786
183	0602	0495	34990	705	2769	14807
183	0701	0480	34979	669	2770	14817
183	0802	0449	34964	629	2773	14821
183	0904	0428	34959	631	2775	14829
183	1004	0406	34965	625	2777	14837
183	1104	0389	34959	634	2779	14846
183	1205	0381	34957	634	2779	14860
183	1303	0366	34953	649	2781	14870
197	1490	0360	34953	638	2781	14899
197	1691	0346	34961	638	2783	14927
197	1891	0323	34959	644	2785	14951
197	2091	0304	34950	645	2786	14977
197	2291	0299	34949	639	2787	15009
197	2492	0285	34946	645	2788	15037
197	2692	0259	34945	645	2790	15060
197	2893	0222	34925	659	2792	15079
197	2994	0182	34917	670	2794	15079

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3100	WAVES 1 XX	AIR T -05.5	VIS 5
CONS. NO 011	MONTH 3	MXSAMPD 31	WAVES 2 XX	WET B -06.0	STN
LAT 60-550N	DAY 19	NO.DPTH 28	WND-DIR 250	WW-CODE 02	
LON 52-355W	HR 23.7	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1015.2	CLD-AMT B	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
237	0000	0100	34047		2730	14525
237	0050	0428	34764	707	2759	14685
237	0100	0468	34838	692	2760	14711
237	0150	0481	34882	696	2763	14725
237	0200	0526	34973	680	2764	14753
237	0250	0491	34929	688	2765	14747
237	0299	0497	34939	688	2765	14757
237	0401	0522	34994	679	2767	14785
237	0501	0520	34999	686	2767	14801
237	0601	0508	34985	686	2768	14812
237	0702	0477	34955	674	2769	14816
237	0802	0456	34966	626	2772	14824
237	0902	0434	34954	631	2773	14831
237	1003	0410	34950	642	2776	14838
237	1102	0393	34943	646	2777	14847
237	1203	0380	34927	654	2777	14859
237	1302	0369	34922		2778	14871
*248	1391	0372	34937	644	2779	14887
*248	1491	0368	34942	639	2779	14902
*248	1592	0363	34943	636	2780	14917
*248	1793	0355	34954	646	2782	14948
*248	1994	0337	34947	645	2783	14974
*248	2195	0320	34960	644	2786	15001
*248	2396	0303	34957	655	2787	15029
*248	2597	0287	34950	644	2788	15056
*248	2797	0259	34938	639	2789	15078
*248	2997	0216	34927	656	2792	15094
*248	3097	0187	34928	671	2795	15099

*MULTIPLE CAST CONTINUED NEXT DAY

C-REF-NO 001 YR 1966 DEPTH 2926 WAVES 1 XX AIR T -02.2 VIS 4
 CONS. NO 012 MONTH 3 MXSAMPD 31 WAVES 2 XX WET B -02.8 STN
 LAT 60-370N DAY 20 NO.DPTH 27 WND-DIR 240 WW-CODE 70
 LON 53-315W HR 04.7 W-COLOR WND-SPD 08 CLD-TPE
 MARSD SQ 222 C/I 1810 W-TRNSP BARO 1013.5 CLD-AMT B HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
047	0000	0470	34888		2764	14696
047	0050	0453	34885	683	2766	14697
047	0100	0471	34901	683	2765	14713
047	0150	0490	34943	678	2766	14730
047	0200	0492	34960	673	2767	14739
047	0251	0472	34933	673	2768	14739
047	0300	0480	34947	673	2768	14751
047	0402	0465	34938	671	2769	14761
047	0502	0454	34944	648	2770	14773
047	0603	0436	34938	633	2772	14782
047	0702	0423	34955	628	2775	14794
047	0802	0416	34958	626	2776	14807
047	0903	0391	34935	639	2777	14813
047	1003	0386	34951	633	2778	14828
047	1103	0368	34933	651	2779	14837
047	1204	0372	34944	646	2779	14856
047	1304	0360	34929	653	2779	14867
047	1405	0360	34940	643	2780	14884
047	1505	0353	34928	651	2780	14898
047	1605	0353	34940	648	2781	14915
060	1943	0339	34949	637	2783	14966
060	2144	0323	34957	633	2785	14994
060	2346	0304	34953	633	2787	15020
060	2547	0285	34953	636	2788	15047
060	2748	0264	34946	643	2790	15072
060	2947	0221	34930	656	2792	15088
060	3144	0169	34926	666	2796	15100

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3127	WAVES 1 1934	AIR T 01.3	VIS 4
CONS. NO 013	MONTH 3	MXSAMPD 32	WAVES 2 1834	WFT B 01.0	STN
LAT 60-180N	DAY 20	NO.DPTH 28	WND-DIR 180	WW-CODE 72	
LON 54-300W	HR 10.8	W-COLOR	WND-SPD 07	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1004.9	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0320	34602		2757	14629
107	0042	0283	34559	742	2757	14620
107	0092	0325	34642	731	2760	14647
107	0142	0471	34876	690	2763	14720
107	0191	0489	34920	685	2765	14736
107	0242	0494	34933	680	2765	14747
107	0292	0504	34961	688	2766	14759
107	0392	0515	34988	682	2767	14781
107	0493	0511	34989	683	2767	14796
107	0593	0505	34983	677	2768	14810
107	0693	0468	34974	670	2771	14811
107	0793	0449	34944	649	2771	14819
107	0893	0445	34956	635	2772	14834
107	0994	0421	34948	632	2774	14841
107	1094	0405	34919	639	2774	14851
107	1194	0383	34938	654	2778	14859
107	1294	0385	34940	647	2778	14876
107	1394	0363	34917	665	2778	14883
107	1493	0366	34929	655	2779	14901
119	1667	0358	34925	649	2779	14927
119	1869	0356	34955	635	2782	14961
119	2070	0341	34947	637	2783	14989
119	2272	0321	34954	640	2785	15015
119	2474	0302	34954	640	2787	15041
119	2675	0282	34957	645	2789	15068
119	2873	0252	34940	647	2790	15089
119	3069	0196	34922	670	2793	15098
119	3168	0176	34925	665	2795	15107

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3150	WAVES 1 2434	AIR T 02.0	VIS 6
CONS. NO 014	MONTH 3	MXSAMPD 32	WAVES 2 1445	WET B 00.8	STN
LAT 60-020N	DAY 20	NO.DPTH 28	WMD-DIR 240	WW-CODE 85	
LON 55-187W	HR 15.8	W-COLOR	WMD-SPD 09	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1004.9	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
157	0000	0230	34400		2749	14588
157	0050	0402	34784	708	2763	14675
157	0100	0464	34901	688	2766	14710
157	0150	0493	34948	685	2766	14731
157	0199	0489	34953	675	2767	14738
157	0250	0492	34965	675	2768	14748
157	0299	0474	34949	675	2769	14748
157	0400	0451	34920	650	2769	14755
157	0500	0421	34905	659	2771	14759
157	0600	0402	34880	662	2771	14767
157	0699	0406	34922	640	2774	14785
157	0798	0395	34923	646	2775	14797
157	0898	0380	34910	657	2776	14807
157	0998	0367	34904	663	2777	14819
157	1097	0367	34914	655	2777	14835
157	1197	0354	34892	676	2777	14846
157	1296	0353	34890	675	2777	14862
157	1396	0355	34906	668	2778	14880
157	1494	0353	34906	665	2778	14896
171	1585	0354	34921	652	2779	14912
171	1785	0359	34936	650	2780	14948
171	1986	0349	34944	636	2782	14978
171	2186	0332	34951	636	2784	15005
171	2386	0313	34948	637	2785	15031
171	2587	0296	34941	639	2786	15058
171	2787	0274	34949	640	2789	15083
171	2985	0240	34932	655	2791	15103
171	3183	0180	34919	673	2794	15111

DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2981	WAVES 1 3445	AIR T -02.0	VIS 7
CONS. NO 015	MONTH 3	MXSAMPD 30	WAVES 2 3445	WET B -03.0	STV
LAT 59-430N	DAY 20	NO.DPTH 27	WND-DIR 320	WW-CODE 01	
LON 56-160W	HR 20.9	W-COLOR	WND-SPD 12	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1015.0	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
209	0000	0420	34862		2768	14675
209	0050	0406	34862	681	2769	14678
209	0099	0407	34862	702	2769	14686
209	0150	0411	34858	701	2768	14696
209	0199	0407	34856	701	2769	14702
209	0249	0432	34896	673	2769	14722
209	0298	0416	34881	693	2770	14723
209	0399	0399	34882	683	2771	14732
209	0500	0390	34882	677	2772	14745
209	0601	0379	34880	673	2773	14757
209	0703	0388	34905	655	2774	14778
209	0803	0379	34912	658	2776	14791
209	0904	0365	34905	670	2777	14802
209	1003	0361	34907	665	2777	14817
209	1100	0353	34904	674	2778	14830
209	1195	0355	34909	672	2778	14847
209	1284	0355	34915	669	2779	14862
221	1401	0355	34930	660	2780	14881
221	1501	0354	34933	658	2780	14898
221	1601	0356	34941	645	2781	14916
221	1801	0351	34951	640	2782	14947
221	2002	0334	34951	637	2784	14974
221	2203	0315	34954	640	2786	15001
221	2404	0294	34948	645	2787	15026
221	2605	0276	34955	645	2789	15053
221	2805	0238	34939	653	2791	15071
221	3007	0187	34929	667	2795	15084

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2852	WAVES 1 3423	AIR T -03.8	VIS 8
CONS. NO 016	MONTH 3	MXSAMPD 28	WAVES 2 3435	WET B -05.0	STN
LAT 59-270N	DAY 21	NO.DPTH 27	WND-DIR 340	WW-CODE 01	
LON 57-140W	HR 02.3	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SC 186	C/I 1810	W-TRNSP	BARO 1024.5	CLD-AMT 3	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0410	34884		2770	14671
023	0050	0410	34851	690	2768	14679
023	0099	0412	34852	692	2768	14688
023	0149	0418	34856	688	2767	14699
023	0197	0422	34871	686	2768	14709
023	0247	0419	34883	680	2769	14716
023	0296	0440	34926	641	2771	14733
023	0396	0418	34913	654	2772	14740
023	0494	0417	34932	636	2774	14756
023	0593	0408	34934	638	2775	14769
023	0691	0398	34933	644	2776	14781
023	0788	0377	34918	656	2777	14788
023	0886	0367	34914	663	2777	14800
023	0985	0365	34924	658	2778	14816
023	1083	0362	34925	655	2779	14831
023	1181	0358	34922	659	2779	14846
023	1280	0357	34933	655	2780	14862
023	1378	0355	34938	652	2780	14878
023	1477	0353	34946	646	2781	14894
033	1581	0352	34947	639	2781	14911
033	1778	0338	34946	639	2783	14938
033	1973	0320	34945	640	2784	14963
033	2169	0301	34947	641	2786	14989
033	2366	0284	34948	644	2788	15015
033	2560	0266	34943	646	2789	15041
033	2751	0219	34925	659	2792	15053
033	2845	0182	34917	670	2794	15053

C-REF-NO 001	YR 1966	DEPTH 2750	WAVES 1 2423	AIR T -06.0	VIS 7
CONS. NO 017	MONTH 3	MXSAMPD 28	WAVES 2 3434	WET B -07.1	STN
LAT 59-150N	DAY 21	NO.DPTH 26	WND-DIR 240	WW-CODE 00	
LON 58-240W	HR 07.3	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1025.7	CLD-AMT 0	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0400				
072	0050	0408	34851	688	2768	14678
072	0100	0408	34850	687	2768	14686
072	0150	0411	34851	684	2768	14696
072	0199	0409	34849	683	2768	14703
072	0249	0410	34851	683	2768	14712
072	0298	0410	34846	688	2767	14720
072	0398	0412	34849	686	2768	14737
072	0497	0429	34880	668	2768	14761
072	0596	0441	34922	643	2770	14783
072	0696	0424	34934	638	2773	14793
072	0795	0400	34910	638	2774	14799
072	0895	0377	34914	656	2776	14806
072	0995	0364	34908	658	2777	14817
072	1094	0360	34906	663	2777	14832
072	1196	0362	34910	658	2778	14850
072	1295	0361	34921	653	2778	14866
072	1394	0358	34925	653	2779	14881
072	1492	0355	34936	648	2780	14897
083	1621	0350	34943	635	2781	14916
083	1820	0340	34948	635	2783	14946
083	2019	0318	34948	635	2785	14970
083	2219	0295	34944	638	2787	14995
083	2420	0274	34948	643	2789	15020
083	2620	0251	34937	649	2790	15045
083	2822	0200	34921	658	2793	15057

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2186 WAVES 1 2312 AIR T -02.8 VIS 7
 CONS. NO 018 MONTH 3 MXSAMPD 22 WAVES 2 1523 WET B -01.7 STN
 LAT 58-59N DAY 21 NO.DPTH 23 WND-DIR 230 WW-CODE 03
 LON 59-210W HR 13.1 W-COLOR WND-SPD 03 CLD-TPE
 MARSD SQ 186 C/I 1810 W-TRNSP BARO 1026.9 CLD-AMT 6 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
131	0000	0030	34030		2733	14493
131	0050	0382	34605	698	2751	14664
131	0099	0543	34917		2758	14743
131	0149	0539	34920	655	2759	14750
131	0198	0535	34944	649	2761	14756
131	0247	0509	34918	645	2762	14753
131	0296	0509	34939	649	2764	14762
131	0395	0424	34837	675	2765	14742
131	0493	0417	34844	679	2767	14755
131	0592	0420	34867	678	2768	14773
131	0702	0446	34929	645	2770	14803
131	0801	0429	34937	627	2773	14812
131	0901	0410	34933	640	2774	14821
131	1002	0389	34931	637	2776	14829
131	1102	0377	34925	640	2777	14840
131	1203	0370	34929	647	2778	14854
131	1303	0364	34926	652	2779	14869
141	1392	0358	34928	649	2779	14881
141	1492	0354	34938	649	2781	14896
141	1591	0351	34940	652	2781	14912
141	1791	0322	34942	648	2784	14933
141	1992	0301	34944	642	2786	14959
141	2194	0288	34945	645	2787	14987

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

*DRY BULB LESS THAN WET BULB TEMPERATURE

C-REF-NO 001	YR 1966	DEPTH 1173	WAVES 1 XX	AIR T -00.5	VIS 7
CONS. NO 019	MONTH 3	MXSAMPD 11	WAVES 2 1412	WET B -01.0	STN
LAT 57-162N	DAY 22	NO.DPTH 15	WND-DIR 200	WW-CODE 01	
LON 59-007W	HR 00.8	W-COLOR	WND-SPD 01	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1027.3	CLD-AMT I	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
008	0000	0310	34523		2752	14624
008	0050	0357	34599	660	2753	14653
008	0100	0385	34647	700	2754	14674
008	0150	0448	34755	682	2756	14710
008	0199	0521	34882	659	2758	14750
008	0249	0515	34902	665	2760	14756
008	0298	0498	34874	663	2760	14757
008	0398	0470	34851	650	2761	14761
008	0499	0462	34884	654	2765	14775
008	0600	0462	34894	641	2766	14792
008	0701	0453	34896	642	2767	14805
008	0802	0446	34896	642	2768	14819
008	0902	0437	34894	645	2768	14832
008	1002	0431	34896	636	2769	14846
008	1103	0423	34906	635	2771	14860

C-REF-NO 001	YR 1966	DEPTH 2360	WAVES 1 1634	AIR T 03.5	VIS 6
CONS. NO 020	MONTH 3	MXSAMPD 22	WAVES 2 1445	WET B 03.0	STN
LAT 57-347N	DAY 22	NO.DPTH 24	WND-DIR 160	WW-CODE 03	
LON 58-172W	HR 04.3	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1026.3	CLD-AMT B	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0430				
043	0049	0424	34852		2766	14685
043	0098	0422	34850	674	2767	14692
043	0147	0436	34884	654	2768	14706
043	0196	0416	34860	689	2768	14706
043	0245	0420	34874	670	2769	14716
043	0294	0410	34861	690	2769	14719
043	0392	0408	34862	687	2769	14735
043	0490	0406	34861	694	2769	14750
043	0586	0411	34877	679	2770	14768
043	0682	0416	34909	634	2772	14787
043	0778	0405	34904	634	2773	14798
043	0874	0394	34915	643	2775	14809
043	0970	0388	34921	641	2776	14823
043	1066	0379	34913	648	2776	14835
043	1164	0367	34912	648	2777	14846
043	1262	0365	34912	655	2777	14862
052	1268	0360	34909	654	2778	14861
052	1360	0358	34916	649	2778	14876
052	1451	0356	34917	644	2779	14890
052	1635	0345	34929	639	2781	14917
052	1824	0320	34935	640	2784	14938
052	2016	0296	34936	642	2786	14960
052	2216	0262	34923	646	2788	14980

C-REF-NO 001	YR 1966	DEPTH 2825	WAVES 1 1434	AIR T 03.7	VIS 6
CONS. NO 021	MONTH 3	MXSAMPD 29	WAVES 2 XX	WET B 02.0	STN
LAT 57-570N	DAY 22	NO.DPTH 26	WND-DIR 140	WW-CODE 03	
LON 57-161W	HR 09.6	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1024.1	CLD-AMT B	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
096	0000	0420				
096	0050	0403	34877	680	2771	14676
096	0100	0403	34876	692	2771	14685
096	0150	0401	34876	690	2771	14692
096	0199	0405	34877	690	2770	14702
096	0250	0401	34881	685	2771	14709
096	0299	0399	34884	682	2772	14716
096	0399	0393	34883	687	2772	14730
096	0500	0387	34883	691	2773	14744
096	0599	0391	34913	658	2775	14762
096	0699	0378	34903	660	2775	14773
096	0797	0381	34918	655	2776	14791
096	0896	0365	34901	661	2776	14801
096	0996	0356	34902	670	2777	14814
096	1094	0359	34911	668	2778	14831
096	1194	0359	34916	660	2778	14848
096	1296	0356	34918	660	2779	14864
107	1462	0354	34914	649	2779	14891
107	1559	0352	34938	645	2781	14907
107	1657	0347	34940	640	2781	14921
107	1854	0336	34945	641	2783	14950
107	2055	0316	34944	644	2785	14976
107	2257	0298	34947	645	2787	15002
107	2459	0279	34946	645	2788	15029
107	2659	0250	34924	652	2789	15051
107	2854	0188	34914	667	2793	15057

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3017	WAVES 1 1634	AIR T 02.5	VIS 6
CONS. NO 022	MONTH 3	MXSAMPD 30	WAVES 2 XX	WET B 02.0	STN
LAT 58-146N	DAY 22	NO.DPTH 27	WND-DIR 160	WW-CODE 61	
LON 56-265W	HR 14.3	W-COLOR	WND-SPD 11	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1022.4	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	0410				
143	0050	0396	34871	696	2771	14673
143	0099	0395	34878	692	2772	14681
143	0149	0389	34878	697	2772	14687
143	0198	0391	34874	700	2772	14696
143	0248	0389	34875	699	2772	14703
143	0297	0386	34871	692	2772	14710
143	0396	0382	34874	695	2773	14725
143	0495	0378	34866	695	2772	14739
143	0594	0373	34863	686	2773	14753
143	0693	0373	34876	679	2774	14770
143	0791	0361	34863	684	2774	14781
143	0891	0367	34881	666	2775	14800
143	0992	0371	34900	659	2776	14819
143	1091	0366	34901	663	2776	14834
143	1193	0359	34901	667	2777	14848
143	1293	0355	34896	667	2777	14863
152	1398	0355	34901	663	2777	14880
152	1497	0357	34922	657	2779	14898
152	1596	0358	34929	644	2779	14915
152	1795	0353	34940	637	2781	14947
152	1994	0336	34933	639	2782	14974
152	2195	0319	34939	642	2784	15001
152	2395	0298	34939	641	2786	15026
152	2596	0280	34938	644	2788	15053
152	2797	0245	34922	651	2789	15072
152	2997	0197	34913	665	2793	15086

C-REF-NO 001	YR 1966	DEPTH 3220	WAVES 1 1235	AIR T 03.4	VIS 4
CONS. NO 023	MONTH 3	MXSAMPD 32	WAVES 2 XX	WET B 03.4	STN
LAT 58-368N	DAY 22	NO.DPTH 28	WND-DIR 120	WW-CODE 61	
LON 55-280W	HR 19.6	W-COLOR	WND-SPD 11	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1018.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
196	0000	0380	34888		2774	14659
196	0050	0375	34872	708	2773	14665
196	0100	0376	34867	704	2773	14673
196	0150	0376	34870	704	2773	14681
196	0199	0379	34873	704	2773	14691
196	0250	0375	34870	704	2773	14697
196	0299	0376	34872	698	2773	14706
196	0400	0371	34866	700	2773	14720
196	0501	0359	34856	699	2774	14732
196	0601	0360	34855	695	2773	14749
196	0702	0363	34868	682	2774	14767
196	0801	0368	34872	669	2774	14786
196	0902	0358	34877	674	2775	14798
196	1002	0356	34872	670	2775	14814
196	1101	0354	34887	678	2776	14830
210	1231	0352	34891	670	2777	14851
210	1330	0352	34897	671	2777	14868
210	1428	0351	34895	672	2777	14884
210	1527	0350	34899	666	2778	14900
210	1625	0350	34903	664	2778	14917
210	1824	0355	34925	649	2779	14953
210	2021	0346	34940	636	2781	14983
210	2220	0330	34944	640	2783	15010
210	2418	0312	34946	639	2785	15036
210	2617	0296	34945	643	2787	15063
210	2814	0275	34942	642	2788	15088
210	3011	0244	34930	651	2790	15109
210	3207	0192	34894	664	2791	15120

C-REF-NO 001 YR 1966 DEPTH 3273 WAVES 1 1834 AIR T 03.9 VIS 5
 CONS. NO 024 MONTH 3 MXSAMPD 33 WAVES 2 XX WET B 04.1 STN
 LAT 59-043N DAY 23 NO.DPTH 28 WND-DIR 180 WW-CODE 50
 LON 54-365W HR 01.5 W-COLOR WND-SPD 05 CLD-TPE
 MARSD SQ 186 C/I 1810 W-TRNSP BARO 1018.9 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
015	0000	0510				
015	0050	0502	34894	675	2761	14718
015	0100	0502	34892	679	2761	14726
015	0150	0494	34892	684	2762	14731
015	0200	0487	34891	684	2763	14736
015	0299	0461	34884	685	2765	14742
015	0400	0445	34885	680	2767	14752
015	0501	0432	34882	683	2768	14763
015	0601	0424	34885	688	2769	14776
015	0702	0416	34882	676	2770	14790
015	0801	0398	34884	681	2772	14799
015	0902	0392	34885	669	2772	14813
015	1003	0385	34893	667	2774	14827
015	1103	0367	34876	674	2774	14836
015	1204	0381	34906	655	2775	14859
015	1304	0359	34882	676	2776	14866
015	1405	0356	34887	676	2776	14882
015	1503	0354	34887	676	2776	14898
015	1602	0352	34889	679	2777	14913
025	1787	0354	34906	664	2778	14946
025	1987	0359	34925	652	2779	14982
025	2187	0352	34944	641	2781	15013
025	2387	0335	34948	639	2783	15040
025	2588	0313	34947	644	2785	15066
025	2788	0295	34949	644	2787	15092
025	2989	0268	34945	642	2789	15116
025	3188	0218	34928	659	2792	15129
025	3288	0182	34917	669	2794	15130

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

*DRY BULB LESS THAN WET BULB TEMPERATURE

C-REF-NO 001	YR 1966	DEPTH 3250	WAVES 1 1834	AIR T 03.9	VIS 5
CONS. NO 025	MONTH 3	MXSAMPD 33	WAVES 2 XX	WET B 04.0	STN
LAT 59-288N	DAY 23	NO.DPTH 28	WND-DIR 180	WW-CODE 50	
LON 53-335W	HR 06.6	W-COLOR	WND-SPD 06	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1018.2	CLD-AMT B	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0420				
066	0050	0416	34882	683	2770	14682
066	0098	0416	34881	693	2770	14690
066	0148	0411	34880	693	2770	14696
066	0197	0412	34881	693	2770	14704
066	0295	0407	34881	693	2771	14718
066	0395	0406	34882	693	2771	14735
066	0495	0394	34889	668	2773	14746
066	0594	0374	34879	678	2774	14754
066	0694	0367	34874	673	2774	14768
066	0793	0372	34898	668	2776	14786
066	0894	0361	34892	668	2776	14799
066	0994	0356	34892	673	2777	14813
066	1094	0356	34898	668	2777	14830
066	1195	0352	34894	673	2777	14845
066	1293	0354	34904	668	2778	14862
066	1393	0358	34916	658	2778	14881
066	1490	0359	34916	653	2778	14898
078	1602	0357	34926	653	2779	14916
078	1800	0354	34937	638	2780	14948
078	2000	0345	34947	638	2782	14979
078	2200	0333	34947	638	2783	15008
078	2399	0317	34947	643	2785	15035
078	2597	0298	34947	648	2787	15061
078	2796	0281	34948	648	2788	15088
078	2993	0255	34940	648	2790	15111
078	3190	0208	34929	663	2793	15125
078	3287	0190	34919	668	2794	15134

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING
 *DRY BULB LESS THAN WET BULB TEMPERATURE

C-REF-NO 001	YR 1966	DEPTH 3292	WAVES 1 1752	AIR T 00.4	VIS 5
CONS. NO 026	MONTH 3	MXSAMPD 33	WAVES 2 XX	WET B 00.4	STN
LAT 59-509N	DAY 23	NO.DPTH 28	WND-DIR 170	WW-CODE 60	
LON 52-282W	HR 13.2	W-COLOR	WND-SPD 13	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1016.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
132	0000	0420	34897		2770	14676
132	0050	0401	34866	701	2770	14675
132	0099	0403	34872	699	2770	14684
132	0149	0406	34880	694	2771	14694
132	0199	0397	34876	695	2771	14698
132	0298	0381	34873	697	2773	14708
132	0398	0377	34871	701	2773	14723
132	0497	0386	34883	676	2773	14743
132	0596	0390	34906	657	2774	14761
132	0695	0384	34913	656	2776	14775
132	0793	0363	34899	667	2777	14783
132	0892	0361	34899	672	2777	14798
132	0991	0351	34894	677	2777	14810
132	1090	0348	34893	677	2778	14826
132	1190	0352	34900	671	2778	14844
132	1289	0351	34904	674	2778	14861
132	1390	0351	34913	664	2779	14878
132	1490	0347	34913	669	2779	14893
132	1593	0347	34917	669	2780	14910
142	1810	0353	34942	641	2781	14950
142	2007	0343	34949	641	2782	14979
142	2206	0327	34946	637	2784	15006
142	2405	0313	34951	644	2786	15034
142	2604	0294	34951	644	2787	15060
142	2803	0278	34951	644	2789	15088
142	3005	0246	34936	649	2790	15109
142	3205	0197	34919	669	2793	15122
142	3307	0177	34913	672	2794	15131

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3200	WAVES 1 6740	AIR T 03.0	VIS 4
CONS. NO 027	MONTH 3	MXSAMPD 32	WAVES 2 XX	WET B 02.7	STN
LAT 60-118N	DAY 23	NO.DPTH 28	WND-DIR 170	WW-CODE 61	
LON 51-211W	HR 18.8	W-COLOR	WND-SPD 23	CLD-TPE	
MARSD SQ 222	C/I 1810	W-TRNSP	BARO 1014.8	CLD-AMT 9	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	0430				
187	0050	0457	34896	655	2766	14699
187	0100	0444	34878	701	2766	14702
187	0150	0415	34846	701	2767	14698
187	0199	0412	34849	701	2768	14704
187	0250	0412	34866	693	2769	14713
187	0299	0431	34897	686	2769	14729
187	0400	0460	34952	653	2770	14759
187	0501	0389	34873	695	2772	14745
187	0601	0382	34872	678	2772	14758
187	0701	0383	34887	663	2774	14776
187	0800	0369	34881	668	2774	14786
187	0901	0371	34889	663	2775	14804
187	1001	0368	34902	663	2776	14819
187	1100	0355	34883	678	2776	14830
187	1201	0351	34888	678	2777	14846
187	1300	0351	34890	673	2777	14862
187	1400	0351	34895	673	2777	14879
205	1541	0349	34899	668	2778	14902
205	1642	0353	34905	657	2778	14921
205	1843	0354	34934	643	2780	14956
205	2044	0341	34938	643	2782	14984
205	2245	0324	34930	643	2783	15011
205	2446	0306	34935	648	2785	15038
205	2647	0290	34933	648	2786	15066
205	2848	0264	34939	648	2789	15089
205	3049	0231	34923	663	2791	15110
205	3249	0179	34910	673	2794	15122

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2992 WAVES 1 1648 AIR T 03.0 VIS 4
 CONS. NO 028 MONTH 3 MXSAMPD 30 WAVES 2 XX WET B 02.1 STN
 LAT 60-322N DAY 24 NO.DPTH 27 WND-DIR 160 WW-CODE 75
 LON 50-210W HR 00.2 W-COLOR WND-SPD 14 CLD-TPE
 MARSD SQ 222 C/I 1810 W-TRNSP BARO 1015.5 CLD-AMT 9 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
002	0000	0440	34879		2767	14684
002	0050	0434	34880	670	2768	14689
002	0099	0443	34897	702	2768	14702
002	0150	0452	34908	700	2768	14714
002	0199	0465	34924	696	2768	14727
002	0249	0461	34924	695	2768	14734
002	0298	0461	34924	692	2768	14742
002	0398	0470	34945	688	2769	14763
002	0498	0457	34950	670	2771	14774
002	0598	0397	34878	684	2771	14764
002	0699	0425	34949	630	2774	14794
002	0799	0410	34952	630	2776	14804
002	0900	0393	34943	640	2777	14814
002	1001	0383	34939	639	2778	14826
002	1101	0371	34938	649	2779	14838
002	1203	0360	34929	655	2779	14850
002	1301	0356	34927	659	2779	14865
013	1417	0358	34943	638	2781	14885
013	1517	0354	34946	639	2781	14901
013	1617	0347	34945	638	2782	14915
013	1818	0337	34954	637	2783	14944
013	2018	0318	34953	639	2785	14970
013	2220	0301	34950	638	2787	14997
013	2421	0285	34949	641	2788	15025
013	2621	0264	34946	646	2790	15050
013	2822	0226	34926	660	2791	15068
013	3022	0173	34918	669	2795	15080

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 1370	WAVES 1 6440	AIR T	VIS 4
CONS. NO 029	MONTH 3	MXSAMPD 14	WAVES 2 XX	WET B	STN
LAT 60-528N	DAY 24	NO.DPTH 18	WND-DIR 140	WW-CODE 75	
LON 49-225W	HR 05.8	W-COLOR	WND-SPD 18	CLD-TPE	
MARSD SQ 221	C/I 1810	W-TRNSP	BARO 1013.0	CLD-AMT 9	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	0210	34204		2735	14576
057	0049	0247	34223	755	2733	14601
057	0097	0275	34347	746	2741	14622
057	0146	0316	34429	731	2744	14649
057	0195	0353	34543	729	2749	14675
057	0244	0387	34642	718	2754	14698
057	0294	0422	34726	709	2757	14723
057	0393	0462	34830	701	2761	14757
057	0492	0499	34920	688	2763	14790
057	0592	0515	34953	686	2764	14813
057	0691	0518	34966	687	2765	14831
057	0790	0532	35000	679	2766	14854
057	0889	0531	35000	681	2766	14870
057	0990	0524	34994	676	2766	14884
057	1090	0497	34980	682	2768	14889
057	1191	0456	34945	684	2770	14889
057	1293	0426	34957	639	2775	14893
057	1397	0402	34950	637	2777	14901

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 1390	WAVES 1 1445	AIR T 01.8	VIS 5
CONS. NO 030	MONTH 3	MXSAMPD 13	WAVES 2 1456	WET B 01.5	STN
LAT 60-177N	DAY 24	NO.DPTH 18	WND-DIR 140	WW-CODE 68	
LON 48-135W	HR 12.3	W-COLOR	WND-SPD 03	CLD-TPE	
MARSD SQ 221	C/I 1810	W-TRNSP	BARO 1014.9	CLD-AMT 9	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0150	33918		2716	14546
123	0050	0305	34429	700	2745	14629
123	0099	0346	34539	730	2750	14656
123	0149	0409	34710	713	2757	14693
123	0198	0428	34747	710	2758	14710
123	0247	0456	34814	701	2760	14730
123	0296	0468	34838	697	2760	14744
123	0397	0515	34940	686	2763	14781
123	0498	0534	34980	683	2764	14806
123	0601	0542	34991	681	2764	14826
123	0703	0544	35007	680	2765	14844
123	0805	0542	35017	675	2766	14860
123	0906	0528	35002	675	2766	14871
123	1005	0512	34993	665	2768	14881
123	1098	0503	34989	667	2768	14893
123	1187	0439	34947	639	2772	14881
123	1265	0408	34954	635	2776	14881
123	1333	0388	34948	640	2778	14884

C-REF-NO 001	YR 1966	DEPTH 3036	WAVES 1 3138	AIR T 00.3	VIS 7
CONS. NO 031	MONTH 3	MXSAMPD 31	WAVES 2 1636	WET B -00.3	STN
LAT 59-525N	DAY 24	NO.DPTH 27	WND-DIR 310	WW-CODE 51	
LOD 48-588W	HR 16.3	W-COLOR	WND-SPD 15	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1016.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
163	0000	0410	34646		2752	14668
163	0050	0530	34997	683	2766	14731
163	0100	0533	34998	679	2766	14740
163	0150	0529	34996	684	2766	14747
163	0200	0534	35000	678	2766	14757
163	0250	0524	34999	674	2767	14761
163	0300	0508	34980	686	2767	14763
163	0401	0514	34990	677	2767	14782
163	0502	0507	34992	656	2768	14796
163	0602	0477	34971	644	2770	14800
163	0702	0454	34957	651	2771	14806
163	0801	0415	34923	636	2773	14806
163	0902	0390	34920	647	2775	14812
163	1002	0375	34914	652	2777	14823
163	1102	0370	34909	660	2777	14837
163	1203	0353	34897	666	2777	14847
163	1305	0357	34910	664	2778	14866
175	1480	0350	34911	667	2779	14892
175	1579	0348	34911	665	2779	14908
175	1680	0353	34928	646	2780	14928
175	1881	0346	34945	639	2782	14959
175	2080	0325	34940	642	2784	14984
175	2280	0307	34958	644	2787	15010
175	2480	0287	34946	642	2788	15036
175	2681	0266	34946	648	2789	15062
175	2880	0228	34927	659	2791	15079
175	3079	0187	34915	668	2794	15096

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3338 WAVES 1 3138 AIR T -01.0 VIS 7
 CONS. NO 032 MONTH 3 MXSAMPD 34 WAVES 2 1636 WET B -02.0 STN
 LAT 59-233N DAY 24 NO.DPTH 28 WND-DIR 300 WW-CODE 51
 LON 49-448W HR 21.3 W-COLOR WND-SPD 10 CLD-TPE
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1019.9 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
213	0000	0450				
213	0050	0449	34946	699	2771	14697
213	0100	0451	34937	695	2770	14706
213	0150	0451	34936	695	2770	14714
213	0200	0453	34933	698	2770	14723
213	0250	0449	34934	697	2770	14729
213	0300	0447	34932	692	2770	14737
213	0401	0443	34931	690	2771	14752
213	0501	0428	34914	685	2771	14762
213	0602	0407	34915	665	2773	14770
213	0702	0398	34924	648	2775	14783
213	0801	0388	34923	651	2776	14795
213	0902	0377	34921	655	2777	14807
213	1002	0374	34924	650	2777	14822
213	1101	0362	34916	660	2778	14834
213	1202	0362	34918	657	2778	14851
213	1302	0361	34925	660	2779	14867
213	1403	0355	34922	660	2779	14882
213	1502	0355	34927	656	2780	14898
226	1683	0352	34939	640	2781	14928
226	1883	0346	34946	640	2782	14959
226	2081	0331	34947	640	2784	14986
226	2279	0315	34952	640	2785	15014
226	2478	0296	34952	641	2787	15040
226	2677	0282	34948	640	2788	15068
226	2876	0254	34937	650	2790	15090
226	3073	0215	34922	664	2792	15107
226	3369	0168	34910	676	2795	15138

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3411	WAVES 1 1938	AIR T 01.0	VIS 7
CONS. NO 033	MONTH 3	MXSAMPD 34	WAVES 2 1636	WET B 01.0	STN
LAT 59-065N	DAY 25	NO.DPTH 28	WND-DIR 190	WW-CODE 03	
LON 50-418W	HR 03.4	W-COLOR	WND-SPD 07	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1016.9	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
034	0000	0410	34892		2771	14671
034	0050	0384	34872	701	2772	14668
034	0100	0382	34870	704	2772	14676
034	0150	0372	34868	704	2773	14680
034	0200	0375	34870	701	2773	14689
034	0250	0372	34869	704	2773	14696
034	0300	0372	34869	706	2773	14704
034	0400	0363	34858	704	2773	14717
034	0501	0353	34853	704	2774	14729
034	0601	0361	34880	684	2775	14750
034	0701	0368	34880	669	2775	14769
034	0801	0368	34892	671	2775	14786
034	0901	0357	34902	673	2777	14798
034	1001	0354	34888	669	2777	14813
034	1100	0353	34893	673	2777	14830
034	1201	0350	34900	673	2778	14845
034	1301	0352	34897	672	2777	14863
034	1402	0350	34890	672	2777	14879
034	1603	0349	34923	669	2780	14913
047	1850	0353	34935	645	2780	14956
047	2050	0351	34942	637	2781	14990
047	2250	0338	34943	636	2783	15018
047	2450	0322	34947	642	2784	15046
047	2650	0306	34950	639	2786	15073
047	2850	0291	34951	644	2788	15101
047	3050	0265	34941	645	2789	15125
047	3248	0232	34929	657	2791	15145
047	3446	0175	34922	671	2795	15155

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3448	WAVES 1 2236	AIR T -00.6	VIS 7
CONS. NO 034	MONTH 3	MXSAMPD 33	WAVES 2 1736	WET B -00.7	STN
LAT 58-418N	DAY 25	NO.DPTH 28	WND-DIR 220	WW-CODE 03	
LON 51-403W	HR 09.7	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1010.0	CLD-AMT B	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	0450	34854		2764	14688
097	0050	0410	34884	705	2770	14679
097	0100	0407	34893	699	2772	14687
097	0150	0391	34880	700	2772	14688
097	0199	0385	34869	705	2772	14693
097	0249	0377	34864	703	2772	14698
097	0298	0374	34872	705	2773	14705
097	0398	0368	34859	702	2773	14719
097	0497	0360	34847	705	2773	14732
097	0596	0362	34854	700	2773	14749
097	0696	0353	34849	696	2774	14762
097	0794	0365	34887	672	2775	14784
097	0894	0357	34881	674	2776	14797
097	0993	0353	34881	676	2776	14811
097	1092	0353	34893	675	2777	14828
097	1193	0351	34902	675	2778	14844
097	1293	0351	34903	675	2778	14861
097	1590	0349	34891	672	2777	14910
108	1760	0350	34910	665	2779	14940
108	1956	0354	34931	642	2780	14975
108	2151	0345	34935	643	2781	15004
108	2347	0328	34943	640	2783	15031
108	2544	0314	34945	642	2785	15058
108	2742	0300	34946	644	2786	15087
108	2941	0285	34953	643	2788	15115
108	3142	0259	34943	652	2790	15138
108	3344	0216	34928	666	2792	15155

C-REF-NO 001	YR 1966	DEPTH 3408	WAVES 1 2647	AIR T 01.6	VIS 7
CONS. NO 035	MONTH 3	MXSAMPD 35	WAVES 2 XX	WET B 00.6	STN
LAT 58-068N	DAY 25	NO.DPTH 28	WND-DIR 300	WW-CODE 03	
LON 52-264W	HR 15.8	W-COLOR	WND-SPD 11	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1014.3	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0400	34902		2773	14667
158	0050	0393	34882	708	2772	14672
158	0099	0393	34881	707	2772	14680
158	0150	0394	34886	702	2772	14689
158	0199	0396	34880	707	2772	14698
158	0249	0385	34873	702	2772	14702
158	0299	0385	34877	707	2773	14710
158	0399	0385	34871	702	2772	14726
158	0499	0378	34871	700	2773	14740
158	0599	0377	34871	705	2773	14756
158	0699	0370	34869	707	2773	14770
158	0799	0371	34881	672	2774	14787
158	0899	0359	34883	669	2776	14798
158	0999	0352	34878	672	2776	14812
158	1099	0353	34882	677	2776	14829
158	1200	0351	34889	677	2777	14845
158	1299	0350	34888	677	2777	14862
158	1401	0351	34895	676	2777	14879
158	1602	0350	34902	671	2778	14913
170	1854	0354	34917	654	2779	14957
170	2055	0354	34941	642	2781	14992
170	2255	0340	34946	638	2783	15020
170	2456	0324	34946	644	2784	15048
170	2656	0306	34948	641	2786	15074
170	2857	0290	34945	644	2787	15102
170	3056	0267	34932	644	2788	15127
170	3256	0236	34928	659	2791	15148
170	3456	0178	34918	669	2794	15158

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3365	WAVES 1 3447	AIR T 00.0	VIS 7
CONS. NO 036	MONTH 3	MXSAMPD 34	WAVES 2 XX	WET B -01.5	STN
LAT 57-414N	DAY 25	NO.DPTH 28	WND-DIR 340	WW-CODE 03	
LON 53-250W	HR 21.7	W-COLOR	WND-SPD 11	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1020.7	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	0380				
217	0050	0350	34850	718	2774	14654
217	0099	0346	34840	723	2774	14660
217	0149	0335	34832	718	2774	14663
217	0198	0338	34834	717	2774	14673
217	0248	0336	34834	717	2774	14680
217	0297	0334	34834	718	2774	14687
217	0397	0335	34836	716	2774	14704
217	0496	0335	34838	711	2774	14721
217	0595	0353	34863	695	2775	14745
217	0695	0356	34880	678	2776	14763
217	0794	0352	34883	685	2776	14778
217	0894	0356	34896	674	2777	14796
217	0994	0355	34899	680	2777	14813
217	1094	0353	34897	682	2777	14829
217	1194	0349	34895	681	2778	14844
217	1296	0350	34897	677	2778	14861
217	1397	0350	34900	674	2778	14878
217	1598	0347	34908	675	2779	14911
230	1818	0353	34932	648	2780	14951
230	2018	0348	34944	646	2782	14983
230	2218	0335	34946	642	2783	15011
230	2419	0319	34947	646	2785	15039
230	2619	0302	34948	646	2786	15066
230	2820	0285	34947	648	2788	15094
230	3019	0259	34936	654	2789	15117
230	3218	0224	34925	664	2791	15136
230	3416	0179	34917	674	2794	15151

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3219	WAVES 1 3612	AIR T -01.5	VIS 6
CONS. NO 037	MONTH 3	MXSAMPD 33	WAVES 2 3024	WET B	STN
LAT 57-138N	DAY 26	NO.DPTH 27	WND-DIR 010	WW-CODE 03	
LON 54-223W	HR 03.8	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1023.3	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
038	0000	0390	34896		2774	14663
038	0050	0380	34873	696	2773	14667
038	0099	0381	34873	698	2773	14675
038	0149	0381	34873	696	2773	14683
038	0198	0376	34870	694	2773	14689
038	0247	0370	34869	696	2773	14695
038	0296	0366	34861	694	2773	14701
038	0396	0349	34843	707	2773	14710
038	0495	0351	34849	696	2774	14727
038	0595	0351	34844	696	2773	14744
038	0695	0373	34879	660	2774	14770
038	0794	0360	34880	668	2775	14781
038	0894	0356	34885	669	2776	14796
038	0995	0354	34895	671	2777	14812
038	1095	0351	34889	675	2777	14828
038	1195	0352	34903	666	2778	14845
038	1295	0351	34901	671	2778	14861
038	1396	0351	34908	666	2778	14879
038	1592	0351	34919	660	2779	14912
051	1863	0349	34941	635	2781	14957
051	2065	0341	34947	635	2783	14988
051	2267	0320	34955	637	2785	15014
051	2469	0303	34953	640	2787	15041
051	2672	0285	34954	640	2788	15068
051	2873	0264	34939	643	2789	15094
051	3073	0221	34926	660	2792	15110
051	3270	0175	34917	668	2795	15124

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2944	WAVES 1 XX	AIR T 00.0	VIS 7
CONS. NO 038	MONTH 3	MXSAMPD 30	WAVES 2 XX	WET B -01.0	STN
LAT 56-458N	DAY 26	NO.DPTH 26	WND-DIR 070	WW-CODE 02	
LON 55-230W	HR 09.7	W-COLOR	WND-SPD 07	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1021.3	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	0410				
097	0050	0393	34877	698	2772	14672
097	0099	0385	34876	697	2772	14677
097	0149	0382	34874	702	2773	14684
097	0198	0384	34874	706	2772	14693
097	0248	0374	34871	699	2773	14697
097	0297	0369	34867	704	2773	14703
097	0397	0364	34864	702	2774	14717
097	0498	0362	34866	701	2774	14733
097	0598	0365	34864	698	2774	14751
097	0698	0369	34877	671	2774	14769
097	0797	0366	34888	675	2775	14784
097	0897	0360	34897	671	2777	14799
097	0997	0357	34902	673	2777	14814
097	1098	0354	34902	675	2778	14830
097	1197	0353	34907	666	2778	14846
097	1297	0353	34915	666	2779	14863
097	1397	0352	34922	666	2779	14879
097	1601	0352	34926	655	2780	14914
108	1867	0336	34940	646	2782	14952
108	2069	0319	34945	647	2784	14979
108	2269	0300	34947	648	2786	15005
108	2469	0283	34950	654	2788	15032
108	2667	0250	34934	657	2790	15052
108	2862	0201	34922	675	2793	15065
108	2958	0179	34917	677	2794	15072

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2600	WAVES 1 1034	AIR T 02.7	VIS 5
CONS. NO 039	MONTH 3	MXSAMPD 26	WAVES 2 XX	WET B 01.0	STN
LAT 56-193N	DAY 26	NO.DPTH 25	WND-DIR 100	WW-CODE 03	
LON 56-098W	HR 14.8	W-COLOR	WND-SPD 12	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1015.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
148	0000	0480	34843		2760	14700
148	0050	0405	34763	678	2761	14676
148	0099	0458	34876	650	2765	14707
148	0149	0447	34871	660	2765	14711
148	0197	0449	34889	660	2767	14720
148	0246	0443	34884	660	2767	14726
148	0294	0441	34893	660	2768	14733
148	0393	0442	34913	645	2769	14750
148	0491	0431	34917	633	2771	14761
148	0589	0400	34883	676	2771	14764
148	0687	0408	34903	655	2772	14784
148	0787	0402	34921	643	2774	14798
148	0886	0394	34920	641	2775	14811
148	0986	0376	34916	655	2777	14821
148	1086	0369	34914	658	2777	14834
148	1185	0368	34920	650	2778	14850
148	1285	0361	34921	653	2778	14864
158	1439	0353	34941	645	2781	14887
158	1537	0349	34941	641	2781	14902
158	1636	0345	34947	641	2782	14917
158	1835	0328	34948	641	2784	14943
158	2034	0299	34952	640	2787	14965
158	2233	0272	34945	647	2789	14987
158	2435	0234	34947	654	2792	15006
158	2638	0209	34924	660	2793	15029

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 1920 WAVES 1 1034 AIR T 02.7 VIS 4
 CONS. NO 040 MONTH 3 MXSAMPD 19 WAVES 2 XX WET B 01.3 STN
 LAT 55-558N DAY 26 NO.DPTH 22 WND-DIR 100 WW-CODE 03
 LON 56-571W HR 19.4 W-COLOR WND-SPD 12 CLD-TPE
 MARSD SQ 186 C/I 1810 W-TRNSP BARO 1011.0 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
193	0000	0020	33852		2719	14486
193	0050	0130	34163	736	2737	14548
193	0099	0357	34559	700	2750	14661
193	0149	0440	34720	685	2754	14706
193	0197	0481	34796	675	2756	14732
193	0247	0484	34815	675	2757	14742
193	0295	0493	34838	670	2758	14754
193	0394	0473	34827	654	2759	14762
193	0492	0502	34895	654	2761	14791
193	0591	0473	34897	649	2765	14795
193	0691	0464	34899	654	2766	14808
193	0792	0440	34888	659	2768	14815
193	0892	0432	34910	649	2770	14828
193	0994	0424	34906	634	2771	14842
193	1095	0414	34907	629	2772	14855
193	1195	0413	34916	629	2773	14871
193	1294	0401	34919	639	2774	14883
202	1327	0399		634		
202	1424	0384	34922	647	2776	14897
202	1521	0373	34929	650	2778	14909
202	1716	0358		650		
202	1921	0324		642		

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 640	WAVES 1 1035	AIR T 00.1	VIS 5
CONS. NO 041	MONTH 3	MXSAMPD 06	WAVES 2 XX	WET B 00.0	STN
LAT 55-452N	DAY 26	NO.DPTH 10	WND-DIR 120	WW-CODE 03	
LON 57-114W	HR 22.3	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1009.0	CLD-AMT B	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
223	0000	-0070	33315		2680	14437
223	0050	-0115	33641	772	2708	14429
223	0099	0093	34048	734	2731	14538
223	0149	0142	34197	743	2739	14571
223	0198	0255	34401	716	2747	14631
223	0248	0346	34559	699	2751	14681
223	0347	0415	34720	680	2757	14728
223	0448	0435	34797	675	2761	14754
223	0550	0456	34853	670	2763	14781
223	0599	0457	34857	667	2763	14789

C-REF-NO 001	YR 1966	DEPTH	569	WAVES 1	2012	AIR T	00.1	VIS	7
CONS. NO 042	MONTH 3	MXSAMPD	05	WAVES 2	XX	WET B	00.0	STN	
LAT 54-520N	DAY 27	NO.DPTH	10	WND-DIR	200	WW-CODE	02		
LON 53-373W	HR 11.5	W-COLOR		WND-SPD	07	CLD-TPE	7		
MARSD SQ 186	C/I 1810	W-TRNSP		BARO	1010.9	CLD-AMT	8	HW	

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
114	0000	0390	34669		2756	14660
114	0051	0387	34739	697	2761	14668
114	0100	0397	34804	698	2766	14681
114	0151	0408	34841	692	2767	14695
114	0200	0403	34855	695	2769	14701
114	0250	0403	34860	695	2769	14709
114	0299	0392	34873	697	2772	14713
114	0397	0397	34881	679	2772	14731
114	0499	0385	34875	687	2772	14743
114	0542	0386	34891	677	2774	14751

C-REF-NO 001	YR 1966	DEPTH 3076	WAVES 1 2212	AIR T 01.5	VIS 7
CONS. NO 043	MONTH 3	MXSAMPD 31	WAVES 2 2223	WET B 01.0	STN
LAT 55-228N	DAY 27	NO.DPTH 27	WND-DIR 200	WW-CODE 03	
LON 52-539W	HR 15.2	W-COLOR	WND-SPD 06	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1011.3	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0000	0330	34577		2754	14633
152	0050	0392	34847	701	2769	14671
152	0099	0394	34863	696	2771	14681
152	0150	0394	34870	684	2771	14689
152	0199	0394	34874	684	2771	14697
152	0249	0396	34874	676	2771	14706
152	0299	0383	34866	686	2772	14709
152	0398	0385	34873	686	2772	14726
152	0499	0387	34885	686	2773	14744
152	0599	0387	34891	666	2773	14760
152	0700	0377	34893	662	2775	14773
152	0800	0359	34887	666	2776	14782
152	0900	0359	34898	667	2777	14799
152	1000	0357	34902	666	2777	14815
152	1102	0355	34897	666	2777	14831
152	1202	0353	34901	669	2778	14847
152	1303	0350	34901	666	2778	14862
164	1509	0348	34909	660	2779	14896
164	1609	0352	34928	657	2780	14915
164	1708	0351	34932	650	2780	14931
164	1910	0339	34957	645	2784	14961
164	2110	0322	34951	640	2785	14988
164	2311	0302	34956	642	2787	15014
164	2510	0280	34950	642	2789	15038
164	2709	0259	34946	647	2790	15063
164	2908	0221	34950	660	2794	15082
164	3107	0190	34921	673	2794	15102

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3317	WAVES 1 2213	AIR T 03.3	VIS 7
CONS. NO 044	MONTH 3	MXSAMPD 34	WAVES 2 2224	WET B 02.8	STN
LAT 55-520N	DAY 27	NO.DPTH 28	WND-DIR 220	WW-CODE 02	
LON 52-137W	HR 20.6	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1011.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0000	0370	34806		2768	14653
206	0050	0334	34781	700	2770	14646
206	0099	0333	34787	723	2771	14654
206	0149	0333	34782	720	2770	14662
206	0199	0334	34789	715	2771	14671
206	0249	0339	34801	715	2771	14681
206	0298	0347	34827	705	2772	14693
206	0397	0348	34833	700	2773	14710
206	0498	0371	34887	664	2775	14737
206	0597	0363	34898	664	2776	14750
206	0697	0358	34878	669	2775	14764
206	0797	0351	34866	673	2775	14778
206	0897	0351	34874	678	2776	14795
206	0998	0350	34882	676	2776	14811
206	1098	0353	34906	666	2778	14829
206	1198	0352	34907	664	2778	14846
206	1299	0348		672		
206	1398	0348		672		
218	1571	0349		663		
218	1769	0352	34930	651	2780	14942
218	1970	0346	34948	646	2782	14974
218	2171	0334	34939	647	2783	15003
218	2372	0320	34943	647	2784	15031
218	2572	0304	34949	646	2786	15059
218	2773	0288	34951	651	2788	15087
218	2973	0261	34941	652	2789	15110
218	3171	0223	34921	666	2791	15128
218	3369	0181	34918	675	2794	15144

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3515	WAVES 1 00X0	AIR T 03.0	VIS 7
CONS. NO 045	MONTH 3	MXSAMPD 36	WAVES 2 2223	WET B 01.9	STN
LAT 56-217N	DAY 28	NO.DPTH 28	WND-DIR CALM	WW-CODE 02	
LON 51-305W	HR 02.4	W-COLOR	WND-SPD 00	CLD-TPE 7	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1014.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000	0340	34807		2771	14641
024	0050	0336	34800	717	2771	14647
024	0100	0336	34795	717	2771	14655
024	0150	0334	34811	714	2772	14663
024	0199	0334	34833	714	2774	14671
024	0299	0334	34820	714	2773	14687
024	0399	0332	34827	701	2774	14703
024	0500	0335	34826	712	2773	14721
024	0600	0346	34843	694	2774	14743
024	0701	0361	34881	668	2775	14766
024	0800	0353	34878	678	2776	14779
024	0901	0350	34882	681	2776	14795
024	1002	0351	34884	678	2777	14812
024	1102	0348	34888	681	2777	14828
024	1202	0349	34888	678	2777	14845
024	1303	0351	34898	668	2778	14863
024	1402	0348	34906	671	2779	14878
024	1602	0347	34905	660	2779	14911
036	1768	0350	34909	655	2779	14941
036	1970	0351	34921	640	2779	14976
036	2171	0342	34945	640	2782	15006
036	2372	0326	34944	635	2784	15034
036	2573	0312	34942	641	2785	15062
036	2774	0296	34952	641	2787	15090
036	2974	0281	34945	640	2788	15119
036	3174	0257	34936	647	2789	15143
036	3374	0223	34934	660	2792	15163
036	3572	0182	34925	668	2795	15180

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3515 WAVES 1 00X0 AIR T 02.5 VIS 8
 CONS. NO 046 MONTH 3 MXSAMPD 36 WAVES 2 2223 WET B 01.5 STN
 LAT 56-557N DAY 28 NO.DPTH 28 WND-DIR CALM WW-CODE 02
 LON 50-387W HR 08.4 W-COLOR WND-SPD 00 CLD-TPE 7
 MARSD SQ 186 C/I 1810 W-TRNSP BARO 1014.6 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
084	0000	0340				
084	0050	0329	34804	692	2772	14644
084	0100	0329	34806	721	2772	14652
084	0150	0336	34816	711	2773	14664
084	0200	0335	34819	716	2773	14672
084	0299	0340	34835	705	2774	14690
084	0399	0341	34835	705	2774	14707
084	0500	0344	34833	700	2773	14725
084	0601	0372	34888	665	2775	14754
084	0701	0364	34894	665	2776	14768
084	0801	0359	34885	668	2776	14782
084	0901	0357	34887	668	2776	14798
084	1002	0359	34901	665	2777	14816
084	1101	0353	34895	675	2777	14830
084	1202	0351	34903	675	2778	14846
084	1302	0353		665		
084	1401	0350	34903		2778	14879
084	1601	0349	34912	668	2779	14912
096	1784	0351	34929	650	2780	14944
096	1981	0350	34925	642	2780	14977
096	2181	0341	34940	639	2782	15008
096	2380	0327	34944	639	2784	15036
096	2579	0312	34945	639	2785	15064
096	2778	0297	34948	639	2787	15091
096	2976	0282	34948	642	2788	15119
096	3177	0260	34934	649	2789	15145
096	3375	0231	34923	656	2791	15167
096	3574	0185	34916	670	2794	15182

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3521	WAVES 1 10XX	AIR T 04.2	VIS 8
CONS. NO 047	MONTH 3	MXSAMPD 36	WAVES 2 1712	WET B 03.0	STN
LAT 57-289N	DAY 28	NO.DPTH 28	WND-DIR 100	WW-CODE 02	
LON 49-545W	HR 14.3	W-COLOR	WND-SPD 03	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1016.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	0390	34798		2766	14662
143	0050	0325	34784	722	2771	14642
143	0100	0332	34807	715	2772	14654
143	0150	0333	34814	713	2773	14662
143	0199	0334	34823	712	2773	14671
143	0299	0354	34869	710	2775	14697
143	0399	0359	34868	701	2774	14715
143	0500	0362	34869	683	2774	14733
143	0600	0366	34890	669	2776	14752
143	0701	0360	34888	668	2776	14766
143	0800	0352	34888	681	2777	14779
143	0901	0359	34904	668	2777	14799
143	1002	0355	34902	670	2778	14814
143	1102	0351	34896	671	2777	14829
143	1203	0351	34897	669	2778	14846
143	1303	0351	34905	666	2778	14863
143	1403	0349	34905	671	2778	14879
143	1603	0346	34918	670	2780	14911
156	1871	0351	34928	643	2780	14959
156	2072	0346	34938	635	2781	14991
156	2271	0336	34940	640	2782	15021
156	2471	0320	34948	639	2785	15048
156	2670	0305	34948	640	2786	15076
156	2871	0288	34953	642	2788	15104
156	3070	0271	34948	642	2789	15131
156	3269	0239	34943	655	2792	15152
156	3469	0189	34918	668	2794	15165
156	3570	0176	34920	669	2795	15177

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3450	WAVES 1 1123	AIR T 04.7	VIS 4
CONS. NO 048	MONTH 3	MXSAMPD 35	WAVES 2 XX	WET B 04.7	STN
LAT 57-546N	DAY 28	NO.DPTH 32	WND-DIR 110	WW-CODE 10	
LON 49-095W	HR 19.6	W-COLOR	WND-SPD 07	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1014.9	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
196	0000	0440	34941		2772	14685
196	0010	0431	34929		2772	14682
202	0050	0417	34910	685	2772	14683
202	0100	0414	34910	700	2772	14690
207	0150	0417	34913	702	2772	14699
207	0199	0415	34910	701	2772	14706
207	0250	0418	34912	700	2772	14716
207	0299	0413	34913	700	2772	14722
213	0398	0410	34906	700	2772	14737
213	0496	0405	34902	703	2772	14751
220	0599	0399	34892	686	2772	14766
220	0698	0391	34900	659	2774	14779
230	0790	0383	34910	655	2775	14791
230	0892	0361	34888	672	2776	14798
230	0997	0354	34885	671	2776	14813
237	1074	0356	34893	669	2777	14826
237	1172	0356		668		
237	1271	0355		668		
237	1370	0352	34905	668	2778	14875
237	1473	0355	34917	658	2779	14893
009	1598	0353	34911	660	2778	14913
009	1802	0353	34928	648	2780	14948
009	2008	0345	34938	643	2781	14980
043	2109	0339	34943	642	2782	14995
043	2309	0326	34953	640	2784	15023
043	2511	0308	34945	638	2786	15050
043	2711	0290	34945	642	2787	15077
043	2910	0274	34945	642	2789	15104
043	3108	0254	34945	647	2790	15130
023	3291	0217	34921	658	2792	15146
043	3305	0212	34920	666	2792	15146
043	3503	0162	34909	677	2795	15159

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3402	WAVES 1 0923	AIR T 00.6	VIS 7
CONS. NO 049	MONTH 3	MXSAMPD 34	WAVES 2 XX	WET B 00.5	STN
LAT 58-278N	DAY 29	NO.DPTH 28	WND-DIR 090	WW-CODE 02	
LON 48-279W	HR 09.2	W-COLOR	WND-SPD 09	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1014.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
092	0000	0490	34969		2768	14706
092	0050	0435	34933	708	2772	14691
092	0100	0436	34937	706	2772	14699
092	0150	0438	34936	707	2772	14708
092	0199	0435	34931	703	2772	14715
092	0299	0437	34931	706	2771	14732
092	0399	0431	34931	711	2772	14746
092	0500	0429	34924	707	2772	14762
092	0600	0414	34916	711	2773	14772
092	0700	0409	34909	703	2773	14787
092	0800	0390	34891	672	2773	14795
092	0900	0379	34896	672	2775	14807
092	1001	0366	34893	677	2776	14818
092	1101	0358	34900	679	2777	14832
092	1201	0357	34901	677	2777	14848
092	1301	0354	34900	683	2778	14864
092	1402	0353	34907	682	2778	14880
092	1501	0353	34911	677	2778	14897
092	1600	0352	34914	674	2779	14913
103	1853	0354	34932	662	2780	14957
103	2051	0353	34951	650	2782	14991
103	2249	0335		646		
103	2446	0320	34951	645	2785	15044
103	2643	0300	34954	645	2787	15070
103	2841	0284	34953	650	2788	15097
103	3039	0255	34943	653	2790	15119
103	3237	0214	34923	670	2792	15135
103	3435	0165	34915	681	2795	15149

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3107 WAVES 1 0934 AIR T 04.5 VIS 5
 CONS. NO 050 MONTH 3 MXSAMPD 31 WAVES 2 0945 WET B 04.0 STN
 LAT 59-000N DAY 29 NO.DPTH 28 WND-DIR 090 WW-CODE 02
 LON 47-549W HR 14.8 W-COLOR WND-SPD 11 CLD-TPE 7
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1014.5 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
148	0000	0440	34801		2761	14683
148	0050	0450	34860	707	2764	14696
148	0100	0493	34956	694	2767	14723
148	0150	0507	34991	687	2768	14738
148	0199	0504	34990	689	2768	14744
148	0249	0504	34990	686	2768	14753
148	0298	0502	34990	691	2769	14760
148	0399	0480	34959	686	2769	14767
148	0498	0458	34931	689	2769	14774
148	0598	0464	34954	676	2770	14793
148	0699	0452	34947	665	2771	14805
148	0798	0421	34918	667	2772	14808
148	0899	0405	34908	656	2773	14818
148	1000	0390	34922	645	2776	14829
148	1100	0383	34922	650	2776	14843
148	1201	0371	34915	658	2777	14854
148	1301	0366	34922	657	2778	14869
148	1401	0364	34925	652	2779	14885
148	1499	0358	34924	658	2779	14899
160	1638	0358	34934	647	2780	14923
160	1837	0357	34955	643	2782	14956
160	2036	0340	34954	640	2783	14983
160	2235	0323	34954	643	2785	15009
160	2434	0294	34953	640	2787	15031
160	2633	0265	34944	648	2789	15053
160	2833	0229	34930	655	2791	15072
160	3033	0193	34918	669	2793	15091
160	3132	0168	34913	668	2795	15097

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2770	WAVES 1 0947	AIR T 04.5	VIS 4
CONS. NO 051	MONTH 3	MXSAMPD 27	WAVES 2 XX	WET B 04.0	STN
LAT 59-300N	DAY 29	NO.DPTH 26	WND-DIR 090	WW-CODE 02	
LON 47-201W	HR 20.5	W-COLOR	WND-SPD 15	CLD-TPE 0	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1013.0	CLD-AMT 9	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
205	0000	0220	34115		2727	14579
205	0047	0394	34666	700	2755	14669
205	0094	0489	34888	673	2762	14720
205	0142	0507	34915	690	2762	14735
205	0189	0512	34944	690	2764	14745
205	0239	0538	34993	685	2765	14765
205	0286	0539	35004	677	2765	14773
205	0382	0539	35016	674	2766	14789
205	0477	0529	35009	679	2767	14801
205	0572	0509	34986	685	2767	14808
205	0668	0501	34983	680	2768	14821
205	0763	0483	34961	674	2769	14829
205	0857	0468	34958	671	2770	14838
205	0951	0453	34971	639	2773	14848
205	1046	0436	34963	640	2774	14856
205	1144	0419	34957	644	2775	14865
205	1242	0394	34949	646	2777	14871
216	1381	0371	34951	643	2780	14885
216	1475	0364	34951	646	2781	14898
216	1569	0351	34949	646	2782	14908
216	1758	0334	34944	646	2783	14933
216	1949	0318	34954	648	2785	14959
216	2141	0294	34955	648	2788	14981
216	2333	0265	34947	651	2790	15001
216	2526	0231	34931	661	2791	15020
216	2718	0176	34914	679	2794	15029

C-REF-NU 001 YR 1966 DEPTH 1536 WAVES 1 1048 AIR T 04.6 VIS 6
 CONS. NO 052 MONTH 3 MXSAMPD 15 WAVES 2 0979 WET B 02.5 STN
 LAT 59-538N DAY 30 NO.DPTH 19 WND-DIR 100 WW-CODE 02
 LON 46-475W HR 02.5 W-COLOR WND-SPD 16 CLD-TPE 2
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1013.5 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
025	0000	0170	33945		2717	14555
025	0050	0237	34180	747	2731	14596
025	0100	0403	34646	709	2752	14682
025	0150	0475		692		
025	0199	0524	34879	681	2757	14751
025	0250	0534		673		
025	0299	0534	34986	674	2764	14773
025	0400	0527	35007	674	2767	14787
025	0500	0517	35003	679	2768	14800
025	0600	0506	34987	686	2768	14811
025	0700	0499	34978	679	2768	14825
025	0799	0469	34967	679	2771	14829
025	0899	0448	34960	628	2772	14837
025	0999	0430	34962	633	2775	14846
025	1097	0411	34959	636	2776	14854
025	1198	0401	34950	637	2777	14867
025	1296	0383	34953	637	2779	14876
025	1395	0371	34955	640	2780	14887
025	1493	0364	34955	640	2781	14901

C-REF-NO 001	YR 1966	DEPTH 896	WAVES 1 1035	AIR T 01.4	VIS 3
CONS. NO 053	MONTH 3	MXSAMPD 06	WAVES 2 XX	WET B 01.1	STN
LAT 59-269N	DAY 30	NO.DPTH 8	WND-DIR 100	WW-CODE 62	
LON 45-376W	HR 08.7	W-COLOR	WND-SPD 20	CLD-TPE 2	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1011.3	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	0080	33651		2700	14511
087	0050	0434	34743	677	2757	14688
087	0148	0536	35017	677	2767	14749
087	0246	0535	35023	679	2767	14765
087	0347	0525	35013	677	2768	14778
087	0448	0501	34987	694	2769	14784
087	0549	0485	34964	694	2769	14794
087	0648	0473	34947	700	2769	14805

C-REF-NO 001	YR 1966	DEPTH 2420	WAVES 1 0938	AIR T 02.6	VIS 6
CONS. NO 054	MONTH 3	MXSAMPD 24	WAVES 2 XX	WET B 02.2	STN
LAT 59-019N	DAY 30	NO.DPTH 24	WND-DIR 090	WW-CODE 60	
LON 45-586W	HR 12.2	W-COLOR	WND-SPD 20	CLD-TPE 2	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1012.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
122	0000	0490	34986		2770	14706
122	0050	0488	34973	703	2769	14713
122	0099	0489	34975	700	2769	14722
122	0149	0488	34977	698	2769	14729
122	0198	0480	34976	699	2770	14734
122	0248	0475	34975	699	2771	14740
122	0297	0461	34951	704	2770	14742
122	0398	0438	34926	705	2771	14749
122	0497	0440	34941	708	2772	14766
122	0597	0427	34960	628	2775	14778
122	0698	0404	34951	641	2776	14785
122	0798	0391	34947	646	2777	14796
122	0899	0379	34942	651	2778	14808
122	1000	0364	34923	662	2778	14818
122	1100	0359	34933	659	2780	14833
122	1201	0357	34925	661	2779	14849
122	1301	0360	34941	654	2780	14867
132	1380	0353	34944	643	2781	14877
132	1480	0353	34954	636	2782	14894
132	1579	0347	34955	635	2783	14908
132	1781	0327	34957	635	2785	14934
132	1982	0297	34953	640	2787	14955
132	2184	0273	34949	642	2789	14979
132	2388	0235	34931	642	2791	14998

C-REF-NO 001	YR 1966	DEPTH 2486	WAVES 1 0949	AIR T 04.4	VIS 3
CONS. NO 055	MONTH 3	MXSAMPD 25	WAVES 2 XX	WET B 04.4	STN
LAT 58-342N	DAY 30	NO.DPTH 25	WND-DIR 090	WW-CODE 45	
LON 46-192W	HR 16.9	W-COLOR	WND-SPD 18	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1009.2	CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
169	0000	0480	34970		2770	14702
169	0050	0473	34957	694	2769	14707
169	0099	0472	34965	697	2770	14714
169	0148	0474	34962	694	2770	14723
169	0198	0473	34961	699	2770	14731
169	0248	0473	34953	696	2769	14739
169	0297	0458	34944	698	2770	14741
169	0397	0434	34925	701	2771	14747
169	0496	0427	34913	701	2771	14760
169	0596	0440	34945	645	2772	14783
169	0695	0414	34945	630	2775	14788
169	0793	0385	34921	646	2776	14792
169	0893	0379	34934	648	2778	14807
169	0993	0372	34929	647	2778	14820
169	1093	0366	34931	650	2779	14834
169	1196	0360	34926	651	2779	14849
169	1300	0355	34928	652	2780	14864
180	1377	0356	34940	648	2780	14878
180	1479	0355	34949	644	2781	14895
180	1579	0351	34953	638	2782	14910
180	1780	0332	34955	638	2784	14936
180	1980	0307	34952	639	2786	14959
180	2176	0284	34949	641	2788	14983
180	2366	0267	34952	641	2790	15008
180	2459	0253	34942	649	2790	15018

C-REF-NO 001	YR 1966	DEPTH 3063	WAVES 1 0842	AIR T 04.7	VIS 4
CONS. NO 056	MONTH 3	MXSAMPD 30	WAVES 2 XX	WET B 04.6	STN
LAT 57-599N	DAY 30	NO.DPTH 26	WND-DIR 080	WW-CODE 10	
LON 46-502W	HR 22.7	W-COLOR	WND-SPD 18	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1002.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	0500	34980		2768	14710
227	0050	0438	34927	711	2771	14692
227	0100	0436	34924	709	2771	14699
227	0150	0434	34922	707	2771	14706
227	0200	0430	34922	703	2771	14713
238	0292	0421	34910	708	2771	14724
238	0390	0427	34921	708	2772	14743
238	0489	0421	34913	700	2772	14757
238	0587	0419	34912	676	2772	14772
238	0686	0411	34934	629	2774	14786
238	0785	0390	34924	640	2776	14793
238	0883	0373	34914	651	2777	14802
238	0982	0352	34897	672	2777	14809
238	1082	0354	34902	667	2778	14827
238	1182	0360	34915	661	2778	14847
238	1284	0356	34916	656	2779	14862
010	1395	0353	34920	651	2779	14879
010	1494	0352	34930	651	2780	14896
010	1594	0356	34940	643	2780	14914
010	1793	0344	34949	640	2782	14943
010	1991	0326	34951	639	2784	14969
010	2190	0308	34947	638	2786	14995
010	2388	0286	34949	641	2788	15020
010	2587	0259	34939	645	2789	15042
010	2787	0228	34925	654	2791	15063
010	2987	0180	34911	669	2794	15077

C-REF-NO 001	YR 1966	DEPTH 3160	WAVES 1 085X	AIR T 05.0	VIS 3
CONS. NO 057	MONTH 3	MXSAMPD 31	WAVES 2 XX	WET B 04.4	STN
LAT 57-205N	DAY 31	NO.DPTH 22	WND-DIR 080	WW-CODE 53	
LON 47-130W	HR 06.2	W-COLOR	WND-SPD 20	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 994.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
062	0000	0400	34881		2771	14667
062	0050	0384	34865	691	2772	14668
062	0099	0388	34867	718	2771	14678
062	0149	0393	34874	717	2771	14688
062	0198	0402	34894	714	2772	14701
062	0248	0404	34898	712	2772	14710
062	0297	0402	34899	715	2773	14717
062	0397	0396	34890	713	2772	14731
062	0497	0390	34885	717	2773	14745
062	0597	0388	34876	712	2772	14760
062	0697	0392	34903	666	2774	14779
062	0797	0370	34895	672	2776	14786
062	0898	0360	34888	680	2776	14799
062	0998	0354	34886	680	2776	14813
062	1098	0355	34891	677	2777	14830
062	1199	0351	34897	691	2778	14845
062	1399	0352	34905	679	2778	14879
078	1603	0350	34915	671	2779	14913
078	2000	0352	34943	648	2781	14982
078	2398	0323	34952	642	2785	15037
078	2800	0259	34946	655	2790	15079
078	3105	0182	34918	676	2794	15098

C-REF-NO 001	YR 1966	DEPTH 3804	WAVES 1 1659	AIR T 04.5	VIS 7
CONS. NO 058	MONTH 3	MXSAMPD 35	WAVES 2 XX	WET B 03.0	STN
LAT 56-408N	DAY 31	NO.DPTH 25	WND-DIR 170	WW-CODE 01	
LON 47-500W	HR 13.4	W-COLOR	WND-SPD 14	CLD-TPE 2	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1000.0	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
134	0000	0350				
134	0048	0339	34787	666	2770	14648
134	0095	0340	34784	672	2770	14656
134	0143	0344	34800	667	2771	14666
134	0191	0356	34827	666	2772	14679
134	0289	0380	34871	658	2773	14706
134	0387	0374	34883	666	2774	14720
134	0487	0366	34882	717	2775	14733
134	0587	0361	34884	720	2776	14747
134	0688	0356	34884	730	2776	14762
134	0788	0356	34890	729	2777	14779
134	0887	0354	34891	673	2777	14794
134	0985	0353	34897	671	2777	14810
134	1080	0350	34902	671	2778	14825
151	1125	0343	34883	677	2777	14829
151	1321	0346	34899	671	2778	14864
151	1518	0347	34905	666	2779	14897
151	1715	0350	34919	655	2779	14932
151	1915	0350	34936	644	2781	14966
151	2113	0340	34946	639	2783	14996
151	2312	0326	34948	640	2784	15024
151	2612	0307	34949	638	2786	15067
151	2915	0287	34950	642	2788	15111
151	3215	0262	34940	653	2789	15152
151	3515	0209	34916	667	2792	15182

C-REF-NO 001	YR 1966	DEPTH 3612	WAVES 1 2126	AIR T 00.3	VIS 7
CONS. NO 059	MONTH 3	MXSAMPD 36	WAVES 2 17XX	WET B 00.2	STN
LAT 55-597N	DAY 31	NO.DPTH 28	WND-DIR 210	WW-CODE 01	
LON 48-193W	HR 21.2	W-COLOR	WND-SPD 10	CLD-TPE 2	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1010.0	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	0420	34813		2764	14675
212	0050	0340	34752	741	2767	14648
212	0100	0341	34756	744	2767	14657
212	0150	0336	34754	733	2768	14663
212	0199	0345	34780	729	2769	14675
212	0299	0351	34796	722	2770	14694
212	0398	0385	34879	666	2773	14726
212	0499	0377	34888	669	2774	14740
212	0598	0368	34889	663	2775	14752
212	0698	0361	34885	669	2776	14766
212	0798	0359	34892	671	2776	14782
212	0897	0355	34894	677	2777	14797
212	0997	0355	34898	674	2777	14813
212	1098	0350	34898	677	2778	14828
212	1198	0351	34905	675	2778	14845
212	1298	0350	34900	677	2778	14862
212	1398	0346	34901	677	2778	14877
212	1600	0348	34910	667	2779	14912
227	1788	0351	34930	655	2780	14945
227	1986	0345	34939	646	2782	14976
227	2182	0336	34944	646	2783	15006
227	2379	0323	34947	643	2784	15034
227	2576	0311	34947	644	2785	15063
227	2773	0296	34949	668	2787	15090
227	2971	0285	34950	646	2788	15120
227	3169	0265	34945	651	2789	15146
227	3370	0242	34929	656	2790	15171
227	3570	0200	34918	675	2793	15187

C-REF-NO 001	YR 1966	DEPTH 3610	WAVES 1 1825	AIR T 00.4	VIS 7
CONS. NO 060	MONTH 4	MXSAMPD 36	WAVES 2 17XX	WET B 00.3	STN
LAT 55-160N	DAY 01	NO.DPTH 28	WND-DIR 180	WW-CODE 01	
LON 48-572W	HR 04.8	W-COLOR	WND-SPD 05	CLD-TPE 2	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1014.2	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	0390	34770		2764	14661
048	0050	0390	34757	687	2762	14669
048	0100	0389	34758	722	2763	14677
048	0150	0364	34758	716	2765	14675
048	0199	0354	34764	710	2767	14679
048	0298	0348	34771	713	2768	14693
048	0397	0384	34880	653	2773	14726
053	0497	0378	34894	646	2775	14740
053	0596	0373	34898	651	2775	14754
053	0696	0368	34899	653	2776	14769
053	0796	0364	34902	657	2777	14784
053	0895	0362	34908	665	2777	14799
053	0996	0359	34910	660	2778	14815
053	1097	0351	34904	670	2778	14828
053	1197	0347	34902	670	2778	14843
053	1297	0347	34904	668	2779	14860
053	1397	0344	34906	673	2779	14876
053	1595	0349	34923	651	2780	14911
067	1833	0344	34935	641	2781	14950
067	2036	0337	34944	637	2783	14981
067	2237	0325	34949	639	2784	15011
067	2438	0309	34952	639	2786	15038
067	2638	0299	34945	639	2786	15068
067	2839	0285	34950	637	2788	15097
067	3038	0274	34949	644	2789	15127
067	3238	0253	34936	645	2790	15152
067	3437	0233	34933	654	2791	15178
067	3638	0206	34924	666	2793	15202

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3475	WAVES 1 1613	AIR T 00.4	VIS 8
CONS. NO 061	MONTH 4	MXSAMPD 35	WAVES 2 2146	WET B 00.2	STN
LAT 54-377N	DAY 01	NO.DPTH 28	WND-DIR 160	WW-CODE 01	
LON 49-505W	HR 12.3	W-COLOR	WND-SPD 05	CLD-TPE 2	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1014.0	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0440	34819		2762	14683
123	0050	0396	34764	729	2762	14672
123	0100	0394	34761	729	2762	14679
123	0150	0382	34765	723	2764	14683
123	0199	0368	34761	718	2765	14685
123	0299	0404	34840	668	2768	14717
123	0399	0402	34883	644	2771	14734
123	0499	0394	34902	638	2774	14747
123	0600	0387	34909	640	2775	14761
123	0700	0376	34905	650	2776	14773
123	0801	0370	34905	655	2776	14787
123	0901	0368	34908	653	2777	14803
123	1002	0364	34912	659	2777	14818
123	1103	0359	34912	661	2778	14833
123	1202	0354	34912	661	2778	14847
123	1303	0355	34911	662	2778	14865
123	1402	0351	34917	659	2779	14880
123	1600	0352	34925	652	2780	14914
134	1820	0349	34940	639	2781	14950
134	2020	0341	34947	645	2783	14980
134	2220	0330	34950	640	2784	15010
134	2422	0315	34949	635	2785	15038
134	2622	0304	34950	641	2786	15068
134	2821	0288	34950	639	2788	15095
134	3021	0273	34945	643	2789	15123
134	3220	0240	34932	653	2791	15144
134	3420	0197	34923	668	2793	15160
134	3518	0186	34929	671	2795	15172

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3310	WAVES 1 1535	AIR T 04.2	VIS 8
CONS. NO 062	MONTH 4	MXSAMPD 33	WAVES 2 1735	WET B 02.2	STN
LAT 53-560N	DAY 01	NO.DPTH 28	WND-DIR 150	WW-CODE 02	
LON 50-305W	HR 18.7	W-COLOR	WND-SPD 10	CLD-TPE 6	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1010.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	0390	34810		2767	14662
187	0050	0380	34788	705	2766	14666
187	0099	0380	34784	726	2766	14674
187	0148	0376	34798	705	2767	14680
187	0197	0372	34799	709	2768	14686
187	0294	0402	34850	690	2769	14716
187	0391	0398	34863	687	2770	14730
187	0489	0389	34862	690	2771	14743
187	0587	0382	34862	690	2772	14756
187	0685	0384	34873	690	2772	14773
187	0785	0377	34878	690	2773	14787
187	0884	0381	34889	675	2774	14805
187	0984	0376	34905	659	2776	14820
187	1085	0371	34906	658	2776	14835
187	1186	0366	34909	659	2777	14850
187	1285	0366	34914	659	2777	14866
187	1384	0356	34910	670	2778	14879
187	1482	0354	34918	666	2779	14894
198	1620	0352	34928	654	2780	14917
198	1820	0346	34945	644	2782	14948
198	2021	0334	34941	644	2783	14977
198	2225	0318	34946	641	2785	15005
198	2428	0302	34947	648	2786	15033
198	2631	0282	34947	649	2788	15060
198	2834	0265	34941	659	2789	15087
198	3034	0235	34927	659	2791	15109
198	3228	0203	34919	665	2793	15129
198	3323	0183	34920	678	2794	15137

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3050	WAVES 1 0938	AIR T 00.5	VIS 8
CONS. NO 063	MONTH 4	MXSAMPD 29	WAVES 2 XX	WET B 00.3	STN
LAT 53-307N	DAY 01	NO.DPTH 25	WND-DIR 080	WW-CODE 02	
LON 50-573W	HR 23.6	W-COLOR	WND-SPD 15	CLD-TPE 6	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1007.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
236	0000	0420	34775		2761	14674
236	0046	0373	34750	717	2764	14661
236	0092	0378	34816	707	2768	14672
236	0139	0378	34843	702	2771	14680
236	0186	0376	34853	693	2772	14687
236	0234	0375	34851	695	2772	14695
236	0281	0382	34869	685	2772	14706
236	0377	0385	34885	666	2773	14723
236	0473	0380	34889	666	2774	14737
236	0571	0380	34899	659	2775	14753
236	0669	0377	34909	652	2776	14768
236	0768	0370	34911	655	2777	14782
236	0868	0363	34909	661	2777	14795
236	0969	0359	34912	664	2778	14810
236	1070	0355	34913	666	2778	14826
008	1277	0353	34924	651	2780	14860
008	1476	0348	34939	643	2781	14891
008	1675	0337	34948	640	2783	14920
008	1874	0320	34946	640	2784	14947
008	2074	0304	34947	640	2786	14974
008	2275	0289	34946	640	2787	15002
008	2475	0270	34944	643	2789	15028
008	2675	0238	34932	654	2791	15048
008	2874	0200	34923	662	2793	15066
008	2916	0193	34923	671	2794	15070

C-REF-NO 001	YR 1966	DEPTH 2332	WAVES 1 04XX	AIR T 04.0	VIS 8
CONS. NO 064	MONTH 4	MXSAMPD 24	WAVES 2 XX	WET B 02.5	STN
LAT 53-102N	DAY 02	NO.DPTH 24	WND-DIR 040	WW-CODE 02	
LON 51-203W	HR 04.3	W-COLOR	WND-SPD 12	CLD-TPE 2	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 1002.0	CLD-AMT 3	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0340	34595		2755	14638
043	0050	0364	34702	712	2761	14658
043	0099	0379	34778	694	2765	14673
043	0149	0388	34801	691	2766	14685
043	0198	0412	34852	681	2768	14704
043	0247	0411	34855	684	2768	14712
043	0296	0410	34863	686	2769	14720
043	0395	0408	34871	686	2770	14735
043	0494	0399	34866	687	2770	14748
043	0594	0390	34862	691	2771	14761
043	0693	0383	34861	691	2771	14774
043	0793	0385	34870	686	2772	14792
043	0894	0379	34868	688	2772	14806
043	0993	0382	34883	671	2773	14824
043	1092	0378	34897	666	2775	14839
043	1191	0370	34897	664	2776	14852
043	1286	0368	34907	659	2777	14867
053	1385	0362	34916	657	2778	14881
053	1482	0357	34921	656	2779	14896
053	1582	0355	34922	657	2779	14912
053	1778	0347	34941	645	2781	14942
053	1974	0328	34952	645	2784	14967
053	2174	0309	34946	645	2786	14993
053	2376	0297	34947	647	2787	15022

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 932	WAVES 1 0769	AIR T 04.0	VIS 8
CONS. NO 065	MONTH 4	MXSAMPD 08	WAVES 2 XX	WET B 03.5	STN
LAT 52-508N	DAY 02	NO.DPTH 12	WND-DIR 070	WW-CODE 02	
LON 51-420W	HR 08.1	W-COLOR	WND-SPD 18	CLD-TPE 2	
MARSD SQ 186	C/I 1810	W-TRNSP	BARO 999.0	CLD-AMT 3	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
081	0000	0370	34744		2764	14653
081	0050	0360	34725	697	2763	14656
081	0099	0408	34836	690	2767	14686
081	0149	0405	34842	697	2768	14693
081	0198	0407	34870	686	2770	14702
081	0248	0396	34860	691	2770	14706
081	0296	0390	34869	682	2771	14711
081	0393	0384	34871	687	2772	14725
081	0492	0380	34872	692	2773	14740
081	0590	0381	34878	691	2773	14756
081	0690	0381	34898	670	2775	14773
081	0793	0374	34901	671	2776	14787

C-REF-NO 001	YR 1966	DEPTH 988	WAVES 1 3626	AIR T 04.8	VIS 5
CONS. NO 066	MONTH 4	MXSAMPD 09	WAVES 2 0389	WET B 04.2	STN
LAT 50-046N	DAY 10	NO.DPTH 15	WND-DIR 360	WW-CODE 05	
LON 49-545W	HR 10.0	W-COLOR	WND-SPD 08	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1000.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	0410				
100	0002	0381	34710		2760	14657
100	0050	0382	34714	727	2760	14665
100	0099	0383	34717	729	2760	14674
100	0149	0374	34763	713	2765	14679
100	0198	0378	34798	709	2767	14689
100	0248	0387	34813	703	2767	14701
100	0297	0387	34823	703	2768	14710
100	0396	0391	34840	698	2769	14728
100	0494	0386	34842	700	2770	14742
100	0594	0394	34864	690	2771	14762
100	0693	0393	34872	684	2771	14778
100	0795	0392	34880	670	2772	14795
100	0896	0390	34893	661	2773	14811
100	0947	0386	34902	658	2774	14818

C-REF-NO 001	YR 1966	DEPTH 1829	WAVES 1 3689	AIR T 05.5	VIS 5
CONS. NO 067	MONTH 4	MXSAMPD 18	WAVES 2 XX	WET B 05.2	STN
LAT 50-249N	DAY 10	NO.DPTH 22	WND-DIR 010	WW-CODE 02	
LON 49-199W	HR 14.4	W-COLOR	WND-SPD 06	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARD 1000.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
144	0000	0400	34635		2752	14664
144	0049	0371	34629	695	2754	14659
144	0096	0359	34731	723	2764	14663
144	0144	0372	34775	694	2766	14677
144	0191	0372	34779	696	2766	14685
144	0239	0381	34796	693	2767	14697
144	0285	0392	34824	691	2768	14710
144	0334	0401	34835	681	2768	14722
144	0382	0398	34838	683	2768	14728
144	0476	0391	34854	687	2770	14741
144	0569	0390	34861	687	2771	14756
144	0663	0390	34874	676	2772	14772
144	0756	0388	34886	666	2773	14787
144	0851	0385	34901	661	2774	14802
144	0946	0382	34906	659	2775	14816
144	1041	0373	34907	657	2776	14828
144	1137	0367	34910	655	2777	14842
144	1232	0366	34913	657	2777	14857
144	1328	0360	34916	659	2778	14871
144	1425	0355	34919	656	2779	14885
144	1620	0347	34938	645	2781	14915
144	1816	0335	34950	640	2783	14943

C-REF-NO 001	YR 1966	DEPTH 2286	WAVES 1 3637	AIR T 05.3	VIS 4
CONS. NO 068	MONTH 4	MXSAMPD 23	WAVES 2 3689	WET B 05.3	STN
LAT 50-497N	DAY 10	NO.DPTH 23	WND-DIR 360	WW-CODE 02	
LON 48-547W	HR 18.7	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1000.5	CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	0530	34835		2753	14720
187	0050	0531	34827	697	2752	14729
187	0099	0517	34819	704	2753	14731
187	0150	0395	34809	687	2766	14689
187	0199	0386	34823	696	2768	14693
202	0335	0390	34858	693	2771	14718
202	0432	0394	34878	677	2772	14736
202	0529	0384	34885	674	2773	14748
202	0625	0382	34901	664	2775	14763
202	0722	0377	34907	662	2776	14777
202	0819	0366	34911	665	2777	14788
202	0915	0365	34916	665	2778	14804
202	1012	0359	34915	666	2778	14818
202	1109	0356	34916	662	2779	14833
202	1208	0355	34922	662	2779	14849
202	1305	0353	34927	656	2780	14864
202	1403	0347	34936	654	2781	14878
202	1500	0345	34939	651	2782	14894
202	1598	0344	34942	654	2782	14910
202	1794	0332	34945	646	2783	14938
202	1988	0315	34950	647	2785	14964
202	2181	0295	34949	651	2787	14988
202	2276	0278	34948	651	2789	14997

C-REF-NO 001	YR 1966	DEPTH 2871	WAVES 1 0239	AIR T 05.5	VIS 4
CONS. NO 069	MONTH 4	MXSAMPD 29	WAVES 2 3667	WET B 05.0	STN
LAT 51-162N	DAY 11	NO.DPTH 28	WND-DIR 020	WW-CODE 10	
LON 48-250W	HR 00.6	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1002.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0400	34670		2755	14664
006	0050	0371	34635	720	2755	14660
006	0099	0373	34827	702	2770	14671
006	0149	0384	34856	686	2771	14684
006	0198	0377	34860	691	2772	14690
006	0248	0378	34856	693	2772	14698
006	0296	0378	34866	691	2772	14706
006	0395	0384	34882	670	2773	14725
006	0494	0384	34900	664	2774	14742
006	0593	0380	34910	650	2776	14757
006	0694	0370	34914	655	2777	14769
006	0794	0364	34913	661	2778	14783
006	0895	0357	34913	659	2778	14797
006	0995	0352	34914	657	2779	14812
006	1096	0346	34921	655	2780	14826
006	1196	0353		648		
006	1295	0343	34940	645	2782	14859
006	1394	0338	34942	642	2782	14873
020	1419	0336				
020	1519	0333	34944	644	2783	14892
020	1618	0329	34950	643	2784	14907
020	1818	0319	34946	644	2785	14937
020	2017	0297	34946	647	2787	14961
020	2217	0280	34949	642	2788	14988
020	2416	0251	34942	650	2790	15010
020	2616	0238	34934	656	2791	15038
020	2817	0218	34925	661	2792	15064
020	2917	0213	34928	661	2792	15079

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3530 WAVES 1 0037 AIR T 05.0 VIS 5
 CONS. NO 070 MONTH 4 MXSAMPD 36 WAVES 2 0069 WET B 04.7 STN
 LAT 51-502N DAY 11 NO.DPTH 28 WND-DIR 360 WW-CODE 02
 LON 48-099W HR 07.1 W-COLOR WND-SPD 12 CLD-TPE
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1004.6 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0500	34810		2755	14708
071	0050	0495	34790	703	2754	14714
071	0099	0495	34791	709	2754	14722
071	0148	0497	34790	709	2753	14730
071	0197	0483	34793	708	2755	14733
071	0297	0425	34831	657	2765	14726
071	0396	0410	34877	646	2770	14736
071	0495	0392	34890	646	2773	14745
071	0594	0374	34903	661	2776	14754
071	0694	0363	34912	667	2778	14766
071	0792	0357	34912	665	2778	14780
071	0890	0351	34913	666	2779	14794
071	0987	0348	34923	661	2780	14809
071	1086	0346	34928	653	2781	14825
071	1184	0345	34929	654	2781	14841
071	1282	0345	34934	650	2781	14857
071	1382	0340	34941	646	2782	14872
071	1586	0331	34944	642	2783	14903
089	1751	0324	34946	646	2784	14927
089	1952	0315	34947	646	2785	14958
089	2153	0301	34947	649	2786	14986
089	2354	0288	34946	651	2787	15015
089	2555	0277	34945	651	2788	15045
089	2757	0260	34938	653	2789	15072
089	2958	0239	34928	661	2790	15098
089	3158	0219	34923	666	2792	15124
089	3358	0204	34923	671	2793	15152
089	3555	0192	34927	664	2794	15181

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3795	WAVES 1 0245	AIR T 06.5	VIS 5
CONS. NO 071	MONTH 4	MXSAMPD 39	WAVES 2 0276	WET B 05.2	STN
LAT 52-337N	DAY 11	NO.DPTH 28	WND-DIR 020	WW-CODE 51	
LON 47-394W	HR 15.6	W-COLOR	WND-SPD 09	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1006.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	0620				
156	0050	0619	34906	675	2747	14765
156	0099	0548	34844	694	2752	14744
156	0149	0539	34838	696	2752	14748
156	0197	0529	34830	698	2753	14752
156	0294	0435	34837	632	2764	14729
156	0392	0421	34882	631	2769	14740
156	0490	0403	34894	637	2772	14749
156	0588	0398	34908	637	2774	14763
156	0687	0389	34911	643	2775	14776
156	0786	0381	34913	650	2776	14789
156	0886	0374	34915	652	2777	14803
156	0985	0367	34915	663	2777	14817
156	1086	0362	34916	664	2778	14831
156	1188	0357	34911	666	2778	14846
156	1288	0356	34912	659	2778	14863
156	1388	0351	34914	659	2779	14877
156	1584	0351	34925	649	2780	14910
169	1801	0346	34941	639	2782	14945
169	1999	0338	34943	639	2783	14975
169	2197	0325	34948	637	2784	15004
169	2397	0309	34949	640	2786	15031
169	2597	0296	34953	640	2787	15060
169	2848	0276	34946	641	2789	15095
169	3100	0254	34938	645	2790	15129
169	3352	0234	34929	653	2791	15164
169	3604	0220	34922	661	2791	15202
169	3854	0202	34925	666	2793	15238

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3874	WAVES 1 0436	AIR T 06.0	VIS 7
CONS. NO 072	MONTH 4	MXSAMPD 39	WAVES 2 3568	WET B 05.0	STN
LAT 53-212N	DAY 11	NO.DPTH 28	WND-DIR 040	WW-CODE 50	
LON 47-192W	HR 23.2	W-COLOR	WND-SPD 10	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1006.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
231	0000	0650				
231	0049	0639	34951	673	2748	14774
231	0098	0641	34952	672	2748	14783
231	0147	0644	34952	671	2748	14792
231	0194	0642	34959	671	2749	14799
231	0291	0469	34798	689	2757	14743
231	0388	0422	34775	711	2761	14739
231	0484	0441	34893	615	2768	14764
231	0580	0419	34906	619	2771	14771
231	0677	0403	34915	631	2774	14780
231	0774	0393	34918	641	2775	14792
231	0872	0385	34923	647	2776	14805
231	0970	0375	34916	653	2777	14817
231	1068	0369	34916	655	2777	14831
231	1168	0365	34915	655	2778	14846
231	1268	0362	34914	659	2778	14862
231	1366	0357	34915	660	2778	14876
231	1565	0352	34921	655	2779	14908
006	1837	0348	34940	640	2781	14952
006	2034	0342	34944	640	2782	14983
006	2280	0326	34949	637	2784	15018
006	2527	0307	34949	637	2786	15053
006	2773	0292	34948	643	2787	15089
006	3020	0269	34947	644	2789	15121
006	3267	0253	34934	645	2790	15157
006	3513	0231	34925	655	2791	15191
006	3759	0216	34921	663	2792	15227
006	3857	0211	34921	663	2792	15242

C-REF-NO 001	YR 1966	DEPTH 3603	WAVES 1 0236	AIR T 04.3	VIS 5
CONS. NO 073	MONTH 4	MXSAMPD 37	WAVES 2 8660	WET B 04.3	STN
LAT 54-038N	DAY 12	NO.DPTH 28	WND-DIR 020	WW-CODE 61	
LON 46-451W	HR 06.8	W-COLOR	WND-SPD 11	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1003.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
068	0000	0500	34830		2756	14708
068	0050	0491	34815	705	2756	14712
068	0098	0488	34813	708	2756	14719
068	0148	0467	34803	706	2758	14718
068	0197	0421	34814	669	2764	14707
068	0296	0432	34884	622	2768	14729
068	0395	0406	34897	641	2772	14735
068	0495	0394	34916	646	2775	14747
068	0595	0385	34910	650	2775	14759
068	0694	0376	34909	656	2776	14772
068	0793	0372	34913	666	2777	14787
068	0893	0363	34910	668	2777	14799
068	0991	0360	34910	672	2778	14815
068	1091	0359	34920	669	2779	14831
068	1191	0357	34918	667	2779	14847
068	1290	0354	34925	667	2780	14862
068	1391	0353	34926	662	2780	14879
068	1592	0351	34931	656	2780	14912
083	1870	0340	34944	641	2782	14954
083	2068	0332	34949	646	2784	14985
083	2267	0319	34949	650	2785	15013
083	2466	0304	34951	646	2786	15041
083	2665	0296	34949	649	2787	15072
083	2863	0281	34956	647	2789	15099
083	3061	0270	34947	651	2789	15129
083	3260	0251	34936	651	2790	15155
083	3460	0235	34928	663	2791	15183
083	3660	0206	34922	674	2793	15206

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3292	WAVES 1 0236	AIR T 04.5	VIS 7
CONS. NO 074	MONTH 4	MXSAMPD 33	WAVES 2 8660	WET B 02.2	STN
LAT 54-496N	DAY 12	NO.DPTH 28	WND-DIR 360	WW-CODE 03	
LON 46-295W	HR 14.6	W-COLOR	WND-SPD 11	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1003.3	CLD-AMT 5	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
145	0002	0384	34742		2762	14659
145	0049	0383	34741	732	2762	14666
145	0098	0384	34742	727	2762	14675
145	0147	0386	34743	727	2762	14683
145	0194	0380	34739	725	2762	14689
145	0291	0398	34858	650	2770	14714
145	0389	0386	34892	643	2774	14725
145	0486	0382	34909	645	2775	14740
145	0584	0369	34903	657	2776	14751
145	0683	0358	34889	668	2776	14762
145	0782	0357	34901	668	2777	14778
145	0883	0356	34905	670	2778	14795
145	0983	0350	34912	671	2779	14809
145	1084	0347	34910	673	2779	14825
145	1185	0346	34906	671	2779	14841
145	1284	0347	34906	672	2779	14858
145	1383	0343	34910	671	2779	14873
145	1572	0349	34926	653	2780	14908
145	1576	0349				
160	1809	0344	34932	640	2781	14946
160	2007	0334	34948	644	2783	14975
160	2206	0321	34950	642	2785	15004
160	2404	0311	34959	642	2786	15033
160	2604	0298	34961	640	2788	15062
160	2804	0289	34966	640	2789	15093
160	3006	0274	34956	642	2790	15121
160	3209	0254	34942	646	2790	15148
160	3313	0246	34933	653	2790	15162

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2982	WAVES 1 8642	AIR T 02.0	VIS 7
CONS. NO 075	MONTH 4	MXSAMPD 30	WAVES 2 8464	WET B 00.0	STN
LAT 55-373N	DAY 12	NO.DPTH 27	WND-DIR 360	WW-CODE 03	
LON 46-117W	HR 22.6	W-COLOR	WND-SPD 20	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1006.2	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0003	0397	34764		2762	14665
226	0050	0397	34766	737	2762	14672
226	0099	0394	34765	738	2763	14679
226	0149	0394	34765	734	2763	14687
226	0199	0371	34814	708	2769	14687
226	0249	0398	34869	667	2771	14707
226	0299	0393	34845	658	2769	14713
226	0399	0385	34902	656	2775	14727
226	0499	0375	34910	661	2776	14739
226	0600	0363	34900	677	2777	14751
226	0700	0354	34895	687	2777	14763
226	0800	0351	34896	685	2777	14779
226	0899	0351	34899	686	2778	14795
226	0999	0349	34906	681	2778	14811
226	1100	0347	34907	679	2779	14827
226	1201	0349	34906	680	2778	14845
001	1291	0346	34908	666	2779	14859
001	1390	0345	34911	668	2779	14875
001	1492	0346	34916	668	2780	14893
001	1592	0350	34929	650	2780	14911
001	1792	0347	34939	643	2781	14944
001	1992	0334	34947	642	2783	14973
001	2194	0321	34949	637	2785	15002
001	2395	0307	34948	638	2786	15030
001	2596	0293	34955	642	2788	15059
001	2799	0276	34949	640	2789	15086
001	3000	0253	34938	648	2790	15111

#DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3510 WAVES 1 3558 AIR T 01.8 VIS 3
 CONS. NO 076 MONTH 4 MXSAMPD 33 WAVES 2 5260 WET 8 01.4 STN
 LAT 56-246N DAY 13 NO.DPTH 27 WND-DIR 350 WW-CODE 86
 LON 45-508W HR 06.6 W-COLOR WND-SPD 13 CLD-TPE
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1006.8 CLD-AMT HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
065	0003	0360	34760		2766	14649
065	0049	0360	34761	741	2766	14657
065	0097	0361	34760	744	2766	14665
065	0145	0360	34764	742	2766	14672
065	0193	0358	34794	731	2769	14680
065	0289	0391	34865	677	2771	14711
065	0384	0381	34886	667	2774	14722
065	0479	0373	34889	674	2775	14735
065	0575	0364	34884	677	2775	14747
065	0671	0356	34884	683	2776	14759
065	0768	0357	34885	686	2776	14776
065	0866	0355	34892	684	2777	14791
065	0963	0352	34893	687	2777	14806
065	1062	0351	34897	679	2778	14822
065	1162	0350	34898	679	2778	14839
065	1261	0351	34899	678	2778	14856
065	1360	0347	34902	677	2778	14871
065	1558	0346	34911	676	2779	14904
080	1865	0349	34939	643	2781	14957
080	2058	0339	34945	651	2783	14986
080	2252	0326	34949	646	2784	15014
080	2448	0311	34950	647	2786	15041
080	2648	0297	34952	647	2787	15069
080	2849	0282	34948	652	2788	15097
080	3057	0266	34944	651	2789	15127
097	3146	0255	34937	652	2790	15137
097	3340	0225	34928	667	2792	15158

C-REF-NO 001	YR 1966	DEPTH 3460	WAVES 1 3457	AIR T 03.8	VIS 2
CONS. NO 077	MONTH 4	MXSAMPD 35	WAVES 2 3659	WET B 01.6	STN
LAT 57-092N	DAY 13	NO.DPTH 28	WND-DIR 340	WW-CODE 80	
LON 45-323W	HR 15.3	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1006.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
153	0005	0384	34802		2767	14660
153	0052	0384	34808	729	2767	14668
153	0100	0382	34828	729	2769	14675
153	0149	0375	34834	727	2770	14680
153	0197	0376	34845	727	2771	14689
153	0292	0404	34894	704	2772	14717
153	0388	0394	34887	704	2772	14728
153	0484	0379	34869	697	2773	14738
153	0580	0386	34897	657	2774	14757
153	0678	0373	34893	670	2775	14768
153	0777	0360	34884	674	2776	14779
153	0876	0357	34886	676	2776	14794
153	0978	0353	34887	678	2777	14809
153	1080	0352	34890	676	2777	14826
153	1182	0352	34902	672	2778	14843
153	1283	0352	34899	671	2778	14860
153	1383	0350	34901	671	2778	14876
153	1481	0350	34905	666	2778	14892
153	1575	0348	34905	668	2779	14907
166	1805	0353	34921	654	2779	14949
166	2003	0350	34936	642	2781	14981
166	2200	0338	34939	640	2782	15010
166	2398	0323	34945	640	2784	15037
166	2597	0308	34951	642	2786	15065
166	2796	0296	34946	644	2787	15094
166	2996	0280	34939	645	2788	15122
166	3247	0247	34929	652	2790	15151
166	3501	0158	34911	676	2795	15157

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2624 WAVES 1 3558 AIR T 03.5 VIS 7
 CONS. NO 078 MONTH 4 MXSAMPD 26 WAVES 2 8251 WET B 03.0 STN
 LAT 57-500N DAY 13 NO.DPTH 25 WND-DIR 350 WW-CODE 80
 LON 45-195W HR 21.6 W-COLOR WND-SPD 12 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1006.6 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
216	0003	0443	34923		2770	14686
216	0050	0445	34923	718	2770	14695
216	0100	0442	34922	723	2770	14702
216	0150	0443	34922	718	2770	14710
219	0195	0429	34910	716	2771	14712
219	0244	0428	34911	715	2771	14719
219	0292	0426	34913	716	2771	14726
219	0391	0415	34902	705	2771	14738
219	0489	0413	34904	698	2772	14753
219	0587	0423	34940	641	2774	14774
219	0686	0409	34935	643	2775	14785
219	0785	0389	34924	656	2776	14793
219	0884	0380	34925	656	2777	14805
219	0984	0376	34932	656	2778	14820
219	1087	0375	34937	652	2778	14837
219	1188	0371	34940	653	2779	14853
219	1291	0363	34935	657	2779	14866
231	1388	0363	34943	651	2780	14883
231	1484	0354	34943	640	2781	14895
231	1578	0342	34945	640	2782	14906
231	1674	0334	34944	640	2783	14919
231	2058	0279	34941	643	2788	14960
231	2251	0255	34943	647	2790	14983
231	2449	0217	34922	662	2792	15000
231	2650	0172	34912	671	2794	15015

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2125	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 4	MXSAMPD 20	WAVES 2	XX	WET B	STN
LAT 58-203N	DAY 14	NO.DPTH 22	WND-DIR		WW-CODE	
LON 45-103W	HR 03.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO		CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0005	0490	34961		2768	14706
035	0052	0489	34961	704	2768	14714
035	0101	0488	34962	712	2768	14721
035	0151	0490	34962	710	2768	14730
035	0200	0483	34954	714	2768	14735
035	0250	0483	34951	712	2768	14744
035	0298	0478	34951	710	2768	14749
035	0397	0443	34922	707	2770	14751
035	0495	0418	34906	702	2771	14756
035	0594	0420	34912	687	2772	14774
035	0692	0422	34947	630	2774	14791
035	0791	0401	34947	637	2776	14799
035	0889	0381	34933	646	2777	14807
035	0988	0376	34939	645	2778	14821
035	1088	0363	34933	651	2779	14832
035	1186	0360	34933	653	2780	14847
035	1285	0357	34946	643	2781	14863
048	1389	0348	34947	643	2782	14877
048	1482	0335	34943	646	2783	14887
048	1574	0331	34947	647	2784	14901
048	1766	0309	34948	645	2786	14924
048	1969	0276	34949	645	2789	14944

C-REF-NO 001	YR 1966	DEPTH 2120	WAVES 1 0579	AIR T 05.0	VIS 5
CONS. NO 080	MONTH 4	MXSAMPD 21	WAVES 2 8560	WET B 04.9	STN
LAT 58-498N	DAY 14	NO.DPTH 23	WND-DIR 050	WW-CODE 51	
LON 44-558W	HR 13.2	W-COLOR	WND-SPD 20	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1017.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
132	0009	0482	34945		2767	14704
132	0057	0482	34944	708	2767	14711
132	0107	0483	34945	712	2767	14720
132	0157	0485	34945	711	2767	14729
132	0206	0481	34943	711	2767	14735
132	0256	0480	34942	703	2767	14743
132	0306	0478	34944	703	2768	14751
132	0405	0478	34948	693	2768	14767
132	0506	0475	34957	674	2769	14783
132	0606	0432	34917	676	2771	14781
132	0706	0427	34925	664	2772	14795
132	0806	0429	34953	625	2774	14813
132	0906	0417	34951	634	2775	14825
132	1008	0395	34942	637	2777	14833
132	1108	0388	34945	639	2778	14846
132	1211	0380	34946	637	2779	14860
132	1312	0359	34947	640	2781	14868
145	1364	0334	34939	641	2783	14866
145	1463	0316	34941	650	2784	14875
145	1560	0301	34935	655	2785	14885
145	1756	0278	34934	652	2787	14909
145	1954	0258	34930	655	2789	14934
145	2105	0229	34924	655	2791	14947

C-REF-NO 001	YR 1966	DEPTH 2008	WAVES 1 0635	AIR T 05.5	VIS 9
CONS. NO 081	MONTH 4	MXSAMPD 20	WAVES 2 XX	WET B 04.7	STN
LAT 59-118N	DAY 14	NO.DPTH 22	WND-DIR 060	WW-CODE 01	
LON 44-482W	HR 19.4	W-COLOR	WND-SPD 18	CLD-TPE 1	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1020.8	CLD-AMT 2	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0003	0394	34678		2756	14662
194	0049	0417	34760	714	2760	14681
194	0096	0475	34889	706	2764	14714
194	0144	0494	34930	702	2765	14730
194	0191	0516	34976	697	2766	14748
194	0241	0524	34987	694	2766	14759
194	0288	0519	34989	693	2767	14765
194	0384	0515	34990	693	2767	14779
194	0481	0516	34992	686	2767	14796
194	0579	0517	34991	693	2767	14812
194	0677	0514	34993	691	2767	14827
194	0777	0494	34979	674	2769	14836
194	0877	0449	34959	641	2772	14833
194	0977	0410	34938	641	2775	14834
194	1078	0394	34938	647	2776	14844
194	1177	0385	34941	651	2778	14857
194	1276	0374	34943	653	2779	14869
203	1414	0370	34943	652	2779	14890
203	1511	0362	34945	651	2780	14903
203	1609	0354	34941	654	2781	14916
203	1806	0347	34953	651	2782	14947
203	2009	0305	34930	662	2785	14963

#DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 549 WAVES 1 35XX AIR T 01.1 VIS 9
 CONS. NO 082 MONTH 4 MXSAMPD 06 WAVES 2 5860 WET B 00.4 STN
 LAT 59-268N DAY 14 NO.DPTH 10 WND-DIR 350 WW-CODE 01
 LON 44-367W HR 23.1 W-COLOR WND-SPD 05 CLD-TPE 8
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1022.5 CLD-AMT 1 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
231	0000	-0090	33041		2658	14424
231	0049	-0105	33182	800	2670	14427
231	0098	0016	33603	778	2699	14497
231	0147	0138	33981	760	2722	14565
231	0194	0312	34464	739	2747	14656
231	0243	0362	34587	729	2752	14687
231	0291	0394	34682	719	2756	14710
231	0387	0472	34878	703	2763	14761
231	0481	0508	34961	700	2766	14792
231	0574	0510	34982	693	2767	14809

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 270	WAVES 1 05XX	AIR T 01.2	VIS 8
CONS. NO 083	MONTH 4	MXSAMPD 03	WAVES 2 0958	WET B 00.4	STN
LAT 59-265N	DAY 15	NO.DPTH 7	WND-DIR 050	WW-CODE 01	
LON 44-060W	HR 02.3	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1021.5	CLD-AMT 1	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0150	33501		2683	14540
023	0042	0068	33717	774	2706	14513
023	0091	0235	34241	737	2736	14603
023	0140	0356	34575	726	2751	14667
023	0188	0377	34636	722	2754	14685
023	0238	0427	34766	706	2759	14716
023	0257	0430	34781	705	2760	14721

C-REF-NO 001 YR 1966 DEPTH 1810 WAVES 1 0434 AIR T 04.1 VIS 9
 CONS. NO 084 MONTH 4 MXSAMPD 18 WAVES 2 XX WET B 03.6 STN
 LAT 59-012N DAY 15 NO.DPTH 19 WND-DIR 040 WW-CODE 01
 LON 44-080W HR 05.7 W-COLOR WND-SPD 11 CLD-TPE
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1020.0 CLD-AMT HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0003	0508	34992		2768	14714
057	0050	0509	34992	694	2768	14722
057	0100	0510	34991	721	2768	14731
057	0150	0511	34991	720	2768	14739
057	0199	0509	34991	718	2768	14746
057	0299	0510	34993	716	2768	14763
057	0400	0500	34978	700	2768	14776
057	0500	0488	34973	700	2769	14787
057	0600	0452	34951	678	2771	14789
057	0700	0434	34948	651	2773	14798
057	0800	0411	34945	662	2775	14805
057	0900	0402	34944	666	2776	14817
057	1001	0383	34943	673	2778	14826
057	1101	0372	34941	672	2779	14838
057	1202	0364	34941	676	2780	14852
057	1303	0364	34948	673	2780	14869
057	1404	0356	34950	670	2781	14883
057	1604	0335	34957	668	2784	14907
057	1801	0309	34943	673	2785	14930

C-REF-NO 001 YR 1966 DEPTH 2268 WAVES 1 XX AIR T 05.1 VIS 8
 CONS. NO 085 MONTH 4 MXSAMPD 23 WAVES 2 XX WET B 04.3 STN
 LAT 58-230N DAY 15 NO.DPTH 23 WND-DIR 030 WW-CODE 01
 LON 44-036W HR 10.2 W-COLOR WND-SPD 11 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1018.2 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
102	0003	0472	34948		2769	14698
102	0051	0473	34947	714	2769	14707
102	0100	0474	34949	715	2769	14715
102	0152	0477	34949	716	2768	14725
102	0202	0477	34949	715	2768	14733
102	0254	0482	34953	708	2768	14744
102	0304	0481	34958	708	2769	14752
102	0406	0464	34959	641	2771	14762
102	0508	0423	34939	636	2773	14761
102	0611	0407	34934	640	2775	14771
102	0711	0392	34938	651	2777	14782
102	0811	0381	34938	654	2778	14794
102	0911	0368	34927	657	2778	14805
102	1011	0360	34932	662	2779	14818
102	1110	0360	34938	662	2780	14835
102	1211	0359	34944	656	2781	14851
102	1313	0356	34952	651	2781	14867
111	1513	0339	34959	647	2784	14894
111	1612	0333	34961	649	2784	14908
111	1710	0314	34953	653	2786	14916
111	1908	0278	34953	656	2789	14935
111	2109	0245	34933	667	2790	14954
111	2312	0220	34918	672	2791	14978

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3255 WAVES 1 0356 AIR T 06.6 VIS 6
 CONS. NO 086 MONTH 4 MXSAMPD 33 WAVES 2 0689 WET B 05.5 STN
 LAT 57-450N DAY 15 NO.DPTH 28 WND-DIR 030 WW-CODE 03
 LON 44-008W HR 15.2 W-COLOR WND-SPD 09 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1017.3 CLD-AMT 5 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0003	0423	34828		2765	14676
152	0050	0417	34828	722	2765	14682
152	0099	0415	34829	723	2766	14689
152	0148	0414	34829	723	2766	14697
152	0196	0407	34833	710	2767	14702
152	0293	0408	34888	691	2771	14719
152	0391	0397	34900	653	2773	14730
152	0489	0393	34911	652	2774	14745
152	0587	0382	34908	661	2775	14757
152	0686	0370	34905	662	2776	14768
152	0786	0360	34892	672	2776	14780
152	0886	0357	34901	676	2777	14796
152	0988	0354	34905	672	2778	14811
152	1090	0352	34906	673	2778	14828
152	1192	0351	34903	673	2778	14844
152	1294	0351	34903	671	2778	14861
152	1393	0349	34905	671	2778	14877
152	1491	0348	34910	671	2779	14893
152	1585	0349	34914	664	2779	14910
163	1807	0352	34935	645	2780	14949
163	2007	0343	34944	640	2782	14979
163	2207	0331	34946	641	2783	15008
163	2408	0314	34948	645	2785	15035
163	2610	0298	34946	645	2787	15063
163	2811	0284	34954	650	2788	15092
163	3011	0260	34944	650	2790	15116
163	3212	0217	34918	666	2791	15132
163	3311	0165	34913	676	2795	15127

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3450	WAVES 1 0356	AIR T 04.7	VIS 7
CONS. NO 087	MONTH 4	MXSAMPD 34	WAVES 2 0689	WET B 03.7	STN
LAT 57-000N	DAY 15	NO.DPTH 28	WND-DIR 030	WW-CODE 02	
LON 43-592W	HR 21.2	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1015.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0003	0419	34770		2760	14674
212	0050	0407	34771	742	2762	14677
212	0100	0401	34772	734	2763	14682
212	0150	0386	34778	739	2765	14684
212	0199	0382	34804	722	2767	14691
212	0250	0392	34843	698	2769	14704
212	0299	0394	34882	667	2772	14714
212	0399	0383	34902	667	2775	14726
212	0499	0372	34896	667	2775	14738
212	0599	0365	34898	674	2776	14751
212	0699	0357	34895	677	2777	14764
212	0798	0354	34901	682	2778	14780
212	0898	0353	34902	678	2778	14796
212	0999	0348	34900	679	2778	14811
212	1098	0347	34906	680	2779	14827
212	1199	0347	34904	677	2779	14844
212	1300	0344	34906	682	2779	14859
212	1399	0344	34912	676	2779	14876
212	1501	0348	34927	666	2780	14895
225	1669	0350	34937	647	2781	14925
225	1870	0341	34945	651	2782	14955
225	2070	0328	34950	649	2784	14983
225	2270	0315	34949	651	2785	15012
225	2471	0302	34955	649	2787	15041
225	2671	0293	34958	648	2788	15072
225	2872	0276	34951	651	2789	15099
225	3123	0253	34938	660	2790	15132
225	3425	0205	34921	677	2793	15164

C-REF-NO 001 YR 1966 DEPTH 3350 WAVES 1 0343 AIR T 04.8 VIS 7
 CONS. NO 088 MONTH 4 MXSAMPD 34 WAVES 2 5570 WET B 04.2 STN
 LAT 56-143N DAY 16 NO.DPTH 28 WND-DIR 030 WW-CODE 03
 LON 43-555W HR 03.3 W-COLOR WND-SPD 05 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1013.5 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0004	0443	34756		2757	14684
033	0052	0422	34757	731	2759	14683
033	0101	0397	34778	729	2763	14681
033	0152	0382	34791	723	2766	14683
033	0201	0373	34796	722	2767	14688
033	0300	0388	34834	712	2769	14711
033	0400	0396	34886	667	2772	14731
033	0501	0379	34885	664	2774	14741
033	0601	0366	34884	674	2775	14752
033	0701	0358	34882	674	2776	14765
033	0801	0355	34886	676	2776	14780
033	0900	0354	34892	676	2777	14797
033	1000	0352	34893	676	2777	14812
033	1101	0350	34894	676	2777	14828
033	1200	0349	34896	671	2778	14845
033	1300	0349	34900	671	2778	14861
045	1408	0346	34902	668	2778	14878
045	1507	0345	34900	662	2778	14895
045	1605	0347	34906	661	2779	14912
045	1803	0348	34934	644	2781	14946
045	2000	0342	34941	644	2782	14977
045	2199	0330	34945	640	2783	15006
045	2398	0315	34948	640	2785	15034
045	2598	0300	34949	640	2787	15062
045	2797	0288	34949	643	2788	15091
045	2997	0267	34941	645	2789	15116
045	3196	0248	34929	652	2790	15143
045	3395	0214	34920	664	2792	15163

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3237	WAVES 1	XX	AIR T 05.0	VIS 6
CONS. NO 089	MONTH 4	MXSAMPD 33	WAVES 2	XX	WET B 04.5	STN
LAT 55-299N	DAY 16	NO.DPTH 28	WND-DIR 030	WW-CODE		
LON 44-028W	HR 10.9	W-COLOR	WND-SPD 06	CLD-TPE		
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1011.9	CLD-AMT		HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
096	0003	0464	34752		2754	14693
096	0050	0457	34752	729	2755	14697
096	0100	0449	34756	726	2756	14702
096	0150	0442	34763	719	2757	14708
096	0199	0406	34807	672	2765	14701
096	0250	0404	34876	653	2770	14710
096	0299	0396	34890	648	2772	14715
096	0398	0385	34899	649	2774	14726
096	0499	0377	34905	657	2776	14740
096	0599	0370	34902	664	2776	14753
096	0699	0360	34897	674	2777	14766
096	0799	0356	34895	677	2777	14781
096	0898	0353	34898	677	2777	14796
096	0998	0353	34901	674	2778	14813
096	1099	0349	34902	677	2778	14828
096	1199	0349	34903	674	2778	14845
096	1299	0345	34907	677	2779	14860
096	1399	0347	34915	667	2779	14877
096	1500	0349	34925	659	2780	14895
109	1679	0346	34938	651	2781	14925
109	1879	0337	34944	648	2783	14955
109	2081	0325	34948	648	2784	14984
109	2282	0311	34949	651	2786	15012
109	2484	0301	34955	647	2787	15043
109	2685	0294	34955	647	2788	15074
109	2886	0280	34961	647	2789	15103
109	3084	0262	34942	651	2789	15129
109	3283	0246	34936	654	2790	15157

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3330	WAVES 1 0523	AIR T 06.8	VIS 7
CONS. NO 090	MONTH 4	MXSAMPD 34	WAVES 2 0666	WET B 05.7	STN
LAT 54-462N	DAY 16	NO.DPTH 43	WND-DIR 050	WW-CODE 03	
LON 44-005W	HR 15.5	W-COLOR	WND-SPD 06	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1011.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0003	0486	34778		2754	14702
155	0050	0479	34778	715	2754	14707
155	0100	0476	34778	712	2755	14714
155	0150	0476	34778	715	2755	14722
155	0199	0459	34774	708	2756	14723
155	0299	0441	34845	625	2764	14733
155	0399	0415	34892	629	2771	14739
155	0499	0404	34911	632	2773	14751
155	0600	0389	34912	642	2775	14762
155	0701	0379	34912	651	2776	14774
155	0801	0371	34911	663	2777	14788
155	0901	0370	34915	662	2777	14804
155	1002	0358	34905	667	2778	14815
155	1103	0354	34904	672	2778	14831
155	1203	0353	34905	672	2778	14847
155	1303	0352	34909	668	2778	14863
155	1402	0348	34912	667	2779	14878
206	1495	0352	34924		2780	14896
155	1501	0349	34919	662	2780	14896
206	1546	0353	34924		2780	14905
155	1598	0351	34927	656	2780	14913
206	1598	0354	34927		2780	14914
206	1649	0352	34937		2781	14922
206	1701	0350	34935		2781	14930
206	1751	0348	34935		2781	14937
206	1802	0347	34941		2781	14946
206	1853	0345	34945		2782	14954
166	1861	0346	34939	646	2781	14955
206	1903	0343	34943		2782	14961
206	1953	0340	34945		2782	14968
206	2002	0337	34945		2783	14976
166	2030	0339	34947	646	2783	14981
206	2052	0336	34949		2783	14984
206	2100	0334	34949		2783	14991
206	2147	0329	34951		2784	14997
206	2194	0325	34949		2784	15003
166	2195	0325	34949	641	2784	15003
166	2359	0317	34949	645	2785	15028
166	2527	0305	34955	641	2787	15052
191	2797	0293	34961	644	2788	15093
191	2988	0284	34961	644	2789	15122
191	3184	0266	34951		2790	15149
191	3390	0243	34933	651	2790	15174

C-REF-NO 001	YR 1966	DEPTH 3570	WAVES 1 0423	AIR T 06.6	VIS 7
CONS. NO 091	MONTH 4	MXSAMPD 36	WAVES 2 5612	WET B 05.6	STN
LAT 53-552N	DAY 17	NO.DPTH 28	WND-DIR 040	WW-CODE 03	
LON 44-012W	HR 01.8	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1011.9	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0005	0667	34953		2745	14778
018	0052	0605	34886	676	2748	14760
018	0102	0598	34881	685	2748	14765
018	0152	0494	34804	690	2755	14730
018	0201	0427	34776	688	2760	14710
018	0301	0427	34867	629	2767	14728
018	0400	0406	34906	625	2773	14736
018	0500	0395	34912	634	2774	14748
018	0600	0388	34916	641	2775	14761
018	0700	0380	34916	648	2776	14775
018	0800	0372	34915	651	2777	14788
018	0900	0366	34915	659	2778	14802
018	1000	0361	34913	662	2778	14816
018	1101	0357	34916	660	2778	14832
018	1200	0356	34920	660	2779	14848
018	1301	0355	34918	659	2779	14864
018	1400	0352	34923	657	2780	14880
018	1500	0350	34925	651	2780	14896
018	1598	0350	34934	653	2781	14912
032	1824	0346	34944	640	2782	14949
032	2022	0339	34949	638	2783	14980
032	2273	0321	34950	635	2785	15015
032	2522	0307	34952	638	2786	15052
032	2773	0288	34953	640	2788	15087
032	3024	0272	34951	641	2789	15123
032	3274	0252	34937	645	2790	15158
032	3525	0239	34930	650	2790	15196
032	3626	0231	34926	650	2791	15211

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3703 WAVES 1 XX AIR T 07.3 VIS 8
 CONS. NO 092 MONTH 4 MXSAMPD 38 WAVES 2 5782 WET B 06.0 STN
 LAT 53-035N DAY 17 NO.DPTH 27 WND-DIR 060 WW-CODE 03
 LON 44-016W HR 08.8 W-COLOR WND-SPD 10 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1012.2 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
088	0003	0785	35018		2733	14824
088	0050	0790	35018	646	2732	14834
088	0099	0787	35015	651	2733	14841
088	0149	0789	35023	650	2733	14850
088	0199	0781	35024	652	2734	14855
088	0298	0571	34846	619	2749	14786
088	0398	0511	34916	564	2762	14779
088	0497	0447	34916	619	2769	14769
088	0598	0429	34924	620	2772	14778
088	0697	0410	34924	630	2774	14787
088	0797	0392	34918	646	2775	14796
088	0896	0383	34922	640	2776	14809
088	0995	0378	34921	656	2777	14823
088	1094	0369	34918	660	2777	14836
088	1194	0365	34919	665	2778	14851
088	1293	0364		662		
088	1393	0358	34920	672	2779	14881
088	1594	0353	34928	663	2780	14913
088	1796	0355	34938	651	2780	14948
103	2286	0331	34950	646	2784	15021
103	2485	0320	34951	646	2785	15051
103	2684	0303	34949	647	2786	15078
103	2883	0291	34961	647	2788	15107
103	3083	0281	34951	647	2788	15137
103	3282	0262	34941	651	2789	15164
103	3484	0243	34937	658	2791	15191
103	3784	0211	34927	671	2793	15230

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 4069	WAVES 1 0523	AIR T 09.0	VIS 8
CONS. NO 093	MONTH 4	MXSAMPD 41	WAVES 2 0634	WET B 06.0	STN
LAT 52-181N	DAY 17	NO.DPTH 28	WND-DIR 050	WW-CODE 03	
LUN 44-006W	HR 15.4	W-COLOR	WND-SPD 09	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1013.9	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
154	0005	0879	35082		2724	14861
154	0052	0880	35094	627	2724	14869
154	0102	0875	35104	629	2726	14876
154	0152	0876	35106	630	2726	14884
154	0202	0821	35022	589	2728	14871
154	0301	0575	34778	609	2743	14787
154	0401	0519	34859	578	2756	14782
154	0501	0491	34946	568	2766	14788
154	0601	0442	34930	604	2771	14784
154	0702	0422	34935	618	2773	14793
154	0803	0407	34936	630	2775	14803
154	0904	0387	34921	643	2776	14812
154	1003	0378	34920	650	2777	14824
154	1104	0377	34923	645	2777	14841
154	1205	0367	34918	653	2778	14853
154	1406	0363	34920	654	2778	14885
154	1606	0356	34923	651	2779	14916
154	1806	0354	34935	643	2780	14949
154	2005	0348	34945	640	2782	14981
172	2292	0334	34949	636	2783	15024
172	2540	0319	34949	635	2785	15060
172	2788	0298	34951	640	2787	15094
172	3036	0276	34945	640	2788	15127
172	3285	0255	34938	645	2790	15161
172	3534	0240	34929	646	2790	15198
172	3783	0224	34922	655	2791	15235
172	4034	0216	34920	661	2792	15276
172	4133	0211	34922	664	2792	15291

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 4114	WAVES 1 0523	AIR T 05.8	VIS 8
CONS. NO 094	MONTH 4	MXSAMPD 42	WAVES 2 0634	WET B 05.3	STN
LAT 51-340N	DAY 17	NO.DPTH 28	WND-DIR 080	WW-CODE 01	
LON 44-013W	HR 22.4	W-COLOR	WND-SPD 10	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BAKO 1016.9	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
224	0003	0854	34973		2719	14850
224	0050	0851	34967	651	2719	14856
224	0100	0716	34839	651	2729	14811
224	0150	0722	34912	667	2734	14823
224	0200	0567	34734	648	2741	14767
224	0299	0501	34822	618	2755	14757
224	0399	0503	34937	566	2764	14776
224	0499	0444	34923	625	2770	14768
224	0599	0417	34918	636	2772	14773
224	0699	0398	34912	647	2774	14782
224	0800	0394	34922	648	2775	14797
224	0901	0391	34929	648	2776	14813
224	1000	0379	34922	651	2777	14824
224	1101	0370	34922	662	2778	14837
224	1201	0368	34922	659	2778	14853
224	1402	0361	34922	662	2779	14884
224	1603	0356	34928	657	2780	14916
224	1804	0353	34937	651	2781	14949
224	2007	0345	34945	649	2782	14980
001	2362	0322	34948	637	2784	15031
001	2611	0304	34948	639	2786	15066
001	2859	0285	34945	641	2788	15100
001	3109	0266	34939	643	2789	15135
001	3358	0247	34931	645	2790	15171
001	3607	0232	34922	650	2790	15208
001	3856	0220	34921	659	2791	15246
001	4105	0210	34923	663	2792	15286
001	4204	0207	34921	663	2792	15302

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 4110	WAVES 1 0148	AIR T 07.0	VIS 8
CONS. NO 095	MONTH 4	MXSAMPD 42	WAVES 2 0636	WET B 06.6	STN
LAT 50-462N	DAY 18	NO.DPTH 28	WND-DIR 010	WW-CODE 01	
LON 43-572W	HR 05.3	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1016.6	CLD-AMT 3	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0003	0847	34962		2719	14847
053	0050	0752	34899	672	2729	14818
053	0099	0731	34926	672	2734	14818
053	0149	0703	34906	662	2736	14815
053	0197	0567	34836	557	2749	14768
053	0295	0530	34908	560	2759	14770
053	0392	0480	34935	585	2767	14766
053	0489	0446	34943	606	2771	14768
053	0587	0413	34924	632	2773	14770
053	0684	0408	34937	630	2775	14784
053	0781	0395	34929	646	2776	14795
053	0878	0393	34939	641	2777	14810
053	0976	0379	34925	651	2777	14820
053	1074	0371	34922	663	2778	14833
053	1172	0369	34922	657	2778	14849
053	1369	0361	34924	662	2779	14878
053	1565	0356	34929	656	2780	14909
053	1761	0352	34939	651	2781	14941
053	1952	0344	34946	647	2782	14970
070	2229	0332	34948	640	2783	15012
070	2476	0317	34948	645	2785	15048
070	2722	0297	34949	647	2787	15082
070	2969	0277	34949	666	2789	15116
070	3217	0254	34935	653	2790	15149
070	3464	0240	34930	658	2790	15186
070	3711	0222	34922	662	2791	15222
070	3959	0215	34922	675	2792	15262
070	4159	0209	34921	672	2792	15295

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 4080	WAVES 1 3132	AIR T 08.7	VIS 7
CONS. NO 096	MONTH 4	MXSAMPD 42	WAVES 2 0634	WET B 05.8	STN
LAT 49-578N	DAY 18	NO.DPTH 28	WND-DIR 310	WW-CODE 80	
LON 44-005W	HR 13.0	W-COLOR	WND-SPD 06	CLD-TPE 3	
MARSD SQ 149	C/I 1810	W-TRNSP	BARO 1017.8	CLD-AMT 5	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0005	0959	35197		2719	14892
130	0052	0933	35184	609	2723	14890
130	0101	0960	35255	619	2724	14909
130	0150	0956	35243	618	2724	14916
130	0199	0923	35202	609	2726	14911
130	0297	0815	35047	558	2731	14884
130	0396	0645	34935	475	2746	14833
130	0494	0530	34914	549	2759	14803
130	0591	0501	34971	559	2767	14808
130	0689	0434	34926	609	2771	14796
130	0787	0418	34933	619	2774	14805
130	0885	0393	34916	640	2775	14811
130	0983	0395	34936	635	2776	14828
130	1082	0381	34923	647	2777	14839
130	1179	0374	34923	652	2777	14852
130	1376	0366	34922	655	2778	14882
130	1574	0357	34923	653	2779	14911
130	1771	0355	34939	653	2781	14944
130	1969	0349	34946	642	2782	14975
146	2296	0333	34950	638	2784	15024
146	2545	0312	34954	640	2786	15058
146	2796	0295	34951	640	2787	15094
146	3049	0276	34949	645	2789	15129
146	3301	0252	34940	645	2790	15163
146	3555	0234	34927	655	2791	15199
146	3807	0219	34923	661	2792	15237
146	4056	0208	34924	666	2793	15276
146	4154	0205	34923	668	2793	15292

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3255	WAVES 1 0434	AIR T 08.1	VIS 8
CONS. NO 097	MONTH 4	MXSAMPD 33	WAVES 2 0635	WET B 06.5	STN
LAT 49-125N	DAY 18	NO.DPTH 28	WND-DIR 040	WW-CODE 01	
LON 43-587W	HR 19.9	W-COLOR	WND-SPD 09	CLD-TPE 5	
MARSD SQ 149	C/I 1810	W-TRNSP	BARO 1017.0	CLD-AMT 6	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0003	0827	34882		2716	14839
199	0050	0823	34945	646	2722	14846
199	0099	0555	34741	652	2743	14745
199	0149	0510	34830	605	2755	14737
199	0198	0446	34809	663	2761	14718
199	0297	0410	34823	687	2766	14719
199	0395	0422	34890	653	2770	14741
199	0494	0409	34906	657	2772	14753
199	0593	0392	34908	657	2774	14762
199	0692	0384	34914	665	2776	14775
199	0792	0375	34917	663	2777	14788
199	0893	0371	34917	667	2777	14803
199	0994	0366	34914	670	2777	14818
199	1094	0359	34918	669	2778	14831
199	1195	0355	34919	668	2779	14847
199	1296	0354	34921	665	2779	14863
199	1396	0351	34931	662	2780	14879
199	1496	0349	34937	656	2781	14895
199	1595	0345	34945	653	2782	14910
213	1816	0331	34937	649	2783	14941
213	2013	0314	34941	649	2785	14968
213	2213	0299	34941	651	2786	14995
213	2411	0281	34941	651	2788	15022
213	2611	0257	34934	652	2789	15046
213	2811	0240	34926	659	2790	15073
213	3012	0222	34921	665	2791	15100
213	3212	0207	34919	670	2792	15128
213	3313	0197	34918	673	2793	15141

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 1880 WAVES 1 0723 AIR T 07.0 VIS 8
 CONS. NO 098 MONTH 4 MXSAMPD 19 WAVES 2 0634 WET B 06.0 STN
 LAT 48-525N DAY 19 NO.DPTH 22 WND-DIR 070 WW-CODE 01
 LON 44-141W HR 00.6 W-COLOR WND-SPD 08 CLD-TPE
 MARSD SQ 149 C/I 1810 W-TRNSP BARO 1016.0 CLD-AMT 0 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0003	0496	34737		2749	14706
006	0050	0425	34751	724	2758	14684
006	0099	0412	34766	711	2761	14687
006	0149	0394	34808	691	2766	14688
006	0197	0396	34835	676	2768	14697
006	0247	0389	34835	683	2769	14702
006	0295	0388	34842	681	2769	14710
006	0393	0396	34877	661	2771	14730
006	0491	0391	34890	654	2773	14744
006	0590	0385	34903	646	2775	14758
006	0690	0377	34907	650	2776	14772
006	0790	0369	34910	660	2777	14785
006	0892	0361	34911	661	2778	14798
006	0994	0356	34914	660	2778	14813
006	1095	0353	34914	661	2779	14829
006	1196	0352	34918	659	2779	14846
006	1296	0349	34927	655	2780	14861
015	1380	0345	34937	645	2781	14874
015	1480	0340	34941	643	2782	14888
015	1579	0336	34939	647	2782	14903
015	1778	0321	34942	650	2784	14931
015	1877	0323	34942	643	2784	14948

C-REF-NO 001	YR 1966	DEPTH 997	WAVES 1 0423	AIR T 06.5	VIS 8
CONS. NO 099	MONTH 4	MXSAMPD 10	WAVES 2 0634	WET B 05.6	STN
LAT 48-282N	DAY 19	NO.DPTH 14	WND-DIR 040	WW-CODE 01	
LON 44-316W	HR 04.6	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 149	C/I 1810	W-TRNSP	BARO 1001.6	CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
046	0003	0538	34677		2740	14722
046	0042	0489	34681	711	2746	14708
046	0091	0417	34699	717	2755	14687
046	0140	0410	34766	698	2761	14693
046	0188	0420	34824	664	2765	14706
046	0236	0422	34861	655	2767	14715
046	0285	0420	34876	648	2769	14722
046	0382	0405	34890	642	2771	14732
046	0479	0390	34890	649	2773	14742
046	0576	0382	34900	651	2775	14755
046	0675	0375	34906	655	2776	14768
046	0773	0369	34906	659	2776	14782
046	0874	0361	34909	661	2778	14795
046	0975	0355	34914	659	2779	14810

C-REF-NO 001 YR 1966 DEPTH 351 WAVES 1 0423 AIR T 07.5 VIS 8
 CONS. NO 100 MONTH 4 MXSAMPD 03 WAVES 2 0634 WET B 06.2 STN
 LAT 48-034N DAY 19 NO.DPTH 8 WND-DIR 040 WW-CODE 01
 LON 44-487W HR 07.1 W-COLOR WND-SPD 09 CLD-TPE
 MARSD SQ 149 C/I 1810 W-TRNSP BARO 1009.3 CLD-AMT HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0003	0480	34522		2734	14696
071	0050	0426	34558	719	2743	14682
071	0100	0437	34606	723	2746	14695
071	0150	0399	34677	686	2755	14689
071	0199	0413	34822	594	2765	14704
071	0248	0405	34873	607	2770	14710
071	0297	0382	34882	638	2773	14708
071	0347	0375	34888	637	2774	14714

C-REF-NU 001	YR 1966	DEPTH 3521	WAVES 1 2957	AIR T 06.7	VIS 8
CONS. NO 101	MONTH 4	MXSAMPD 34	WAVES 2 2857	WET B 06.1	STN
LAT 51-373N	DAY 25	NO.DPTH 28	WND-DIR 290	WW-CODE 01	
LON 39-385W	HR 06.3	W-COLOR	WND-SPD 14	CLD-TPE	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1010.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0003	0910	35179		2726	14874
068	0050	0916	35187	635	2726	14884
068	0098	0853	35090	648	2728	14867
068	0147	0800	35015	601	2731	14854
068	0195	0702	34932	566	2738	14822
068	0245	0642	34906	553	2744	14807
068	0293	0587	34894	517	2751	14792
068	0392	0519	34938	548	2762	14782
068	0491	0461	34927	548	2768	14774
068	0589	0431	34934	615	2772	14778
083	0689	0422	34944	621	2774	14791
083	0788	0408	34947	630	2776	14801
083	0887	0387	34923	652	2776	14809
083	0987	0380	34922	653	2777	14822
083	1086	0372	34916	665	2777	14836
083	1186	0370	34919	667	2777	14851
083	1286	0363	34918	666	2778	14865
083	1386	0364	34921	662	2778	14883
083	1585	0355		662		
083	1784	0355	34940	662	2781	14946
100	1982	0346	34949	646	2782	14976
100	2182	0338	34951	647	2783	15007
100	2381	0327	34958	645	2785	15036
100	2580	0311	34951	644	2786	15063
100	2779	0299	34949	642	2787	15093
100	2978	0282	34946	646	2788	15120
100	3176	0271	34950	646	2789	15149
100	3373	0251	34938	651	2790	15175

C-REF-NO 001 YR 1966 DEPTH 3054 WAVES 1 2957 AIR T 05.2 VIS 8
 CONS. NO 102 MONTH 4 MXSAMPD 28 WAVES 2 2957 WET B 03.0 STN
 LAT 52-155N DAY 25 NO.DPTH 26 WND-DIR 290 WW-CODE 01
 LON 40-077W HR 18.4 W-COLOR WND-SPD 11 CLD-TPE
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1008.5 CLD-AMT 6 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
184	0003	0664	34928		2743	14776
184	0049	0662	34923	677	2743	14783
184	0097	0565	34839	663	2749	14751
184	0147	0490	34816	636	2756	14728
184	0196	0477	34860	600	2761	14731
184	0246	0450	34883	601	2766	14728
184	0295	0451	34916	595	2769	14737
184	0396	0416	34919	619	2773	14739
184	0496	0398	34916	632	2774	14748
184	0596	0385	34921	643	2776	14760
184	0698	0376	34920	652	2777	14773
184	0798	0372	34918	656	2777	14788
184	0898	0366	34919	657	2778	14802
184	0996	0363	34920	657	2778	14817
184	1096	0356	34918	657	2779	14830
184	1196	0354	34921	657	2779	14846
184	1295	0354	34922	657	2779	14863
184	1396	0353	34929	658	2780	14880
184	1498	0352	34935	649	2780	14896
198	1596	0352	34940	643	2781	14913
198	1793	0345	34950	642	2782	14944
198	1991	0336	34951	641	2783	14973
198	2191	0319	34950	642	2785	15000
198	2391	0307	34950	645	2786	15029
198	2593	0303	34964	640	2788	15062
198	2797	0298	34976	640	2789	15096

C-REF-NO 001	YR 1966	DEPTH 3840	WAVES 1 2945	AIR T 05.9	VIS 8
CONS. NO 103	MONTH 4	MXSAMPD 36	WAVES 2 2957	WET B 03.6	STN
LAT 52-595N	DAY 26	NO.DPTH 28	WND-DIR 290	WW-CODE 01	
LON 40-288W	HR 02.7	W-COLOR	WND-SPD 08	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1008.5	CLD-AMT 2	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0003	0589	34820		2745	14745
027	0050	0590	34821	692	2745	14753
027	0098	0591	34818	698	2744	14761
027	0148	0521	34802	659	2751	14740
027	0196	0480	34863	594	2761	14732
027	0246	0450	34880	601	2766	14728
027	0295	0451	34916	598	2769	14737
027	0393	0411	34914	619	2773	14737
027	0493	0397	34923	630	2775	14748
027	0591	0387	34919	640	2776	14760
027	0690	0375	34915	649	2777	14771
027	0789	0371	34916	652	2777	14786
027	0889	0364	34917	660	2778	14799
027	0987	0360	34919	661	2778	14814
027	1087	0356	34917	661	2779	14829
027	1187	0353	34914	660	2779	14844
027	1286	0353	34917	663	2779	14861
027	1386	0350	34922	655	2780	14877
027	1586	0350	34939	645	2781	14911
040	1785	0343	34947	637	2782	14941
040	1984	0334	34951	637	2784	14971
040	2233	0322	34959	638	2785	15009
040	2482	0310	34970	636	2787	15046
040	2732	0306	34982	635	2789	15088
040	2981	0303	34988	635	2789	15130
040	3182	0295	34984	635	2790	15161
040	3382	0284	34963	638	2789	15191
040	3582	0267	34955	641	2790	15219

C-REF-NO 001	YR 1966	DEPTH 3438	WAVES 1 2934	AIR T 04.3	VIS 8
CONS. NO 104	MONTH 4	MXSAMPD 34	WAVES 2 2946	WET B 03.0	STN
LAT 53-424N	DAY 26	NO.DPTH 28	WND-DIR 290	WW-CODE 01	
LON 40-481W	HR 10.8	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1009.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
108	0003	0562	34812		2747	14734
108	0050	0559	34812	698	2748	14740
108	0100	0562	34810	702	2747	14749
108	0150	0472	34790	678	2756	14720
108	0199	0443	34867	614	2766	14718
108	0250	0432	34892	611	2769	14722
108	0299	0427	34907	611	2770	14728
108	0399	0403	34914	626	2774	14734
108	0499	0385	34914	641	2775	14743
108	0599	0377	34907	652	2776	14756
108	0701	0367	34911	658	2777	14769
108	0801	0367	34912	662	2777	14786
108	0901	0360	34915	662	2778	14800
108	1002	0354	34908	667	2778	14814
108	1102	0351	34915	663	2779	14829
108	1202	0348	34915	664	2779	14845
108	1303	0349	34919	665	2780	14862
108	1402	0349	34934	658	2781	14879
108	1600	0348		646		
126	1782	0343	34951	641	2783	14941
126	1981	0330	34954	641	2784	14969
126	2180	0323	34960	641	2785	15000
126	2379	0311	34968	641	2787	15029
126	2578	0305	34969	639	2788	15061
126	2776	0297	34965	638	2788	15091
126	2976	0283	34960	641	2789	15120
126	3176	0273	34944	641	2789	15150
126	3374	0259	34931	641	2789	15178

C-REF-NO 001	YR 1966	DEPTH 3310	WAVES 1 2223	AIR T 11.5	VIS 8
CONS. NO 105	MONTH 4	MXSAMPD 32	WAVES 2 XX	WET B 11.4	STN
LAT 54-252N	DAY 26	NO.DPTH 28	WND-DIR 290	WW-CODE 01	
LON 41-132W	HR 18.0	W-COLOR	WND-SPD 04	CLD-TPE 3	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1008.5	CLD-AMT 6	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0003	0540	34782		2748	14724
180	0049	0521	34781	718	2750	14724
180	0097	0523	34778	715	2749	14733
180	0146	0477	34767	703	2754	14722
180	0193	0500	34858	620	2758	14740
180	0289	0457	34893	615	2766	14739
180	0386	0422	34888	639	2770	14740
180	0482	0397	34894	651	2773	14745
180	0579	0374	34882	664	2774	14752
180	0676	0365	34877	675	2775	14764
180	0774	0359	34880	680	2775	14778
180	0872	0357	34881	677	2776	14793
180	0971	0351	34882	677	2776	14807
180	1070	0349	34885	677	2777	14823
180	1170	0348	34899	675	2778	14839
180	1268	0347	34904	676	2779	14855
180	1367	0350	34908	670	2779	14873
180	1464	0349	34913	662	2779	14889
180	1561	0351	34937	656	2781	14907
194	1740	0346	34950	646	2782	14935
194	1940	0332	34952	669	2784	14963
194	2139	0324	34954	650	2785	14993
194	2339	0313	34962	646	2786	15023
194	2538	0304	34963	645	2787	15053
194	2738	0303	34969	645	2788	15087
194	2938	0290	34960	644	2788	15116
194	3137	0277	34947	646	2789	15145
194	3237	0272	34943	646	2789	15160

C-REF-NO 001 YR 1966 DEPTH 3150 WAVES 1 0943 AIR T 05.5 VIS 8
 CONS. NO 106 MONTH 4 MXSAMPD 31 WAVES 2 2965 WET B 03.9 STN
 LAT 55-052N DAY 27 NO.DPTH 27 WND-DIR 090 WW-CODE 03
 LON 41-327W HR 00.6 W-COLOR WND-SPD 10 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1012.8 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0003	0510	34809		2753	14712
006	0050	0492	34809	702	2755	14713
006	0100	0495	34805	712	2755	14722
006	0150	0489	34812	696	2756	14728
006	0199	0457	34830	666	2761	14723
006	0298	0451	34913	604	2768	14738
006	0398	0432	34928	609	2772	14747
006	0498	0396	34907	635	2774	14748
006	0598	0377	34899	663	2775	14756
006	0698	0367	34891	660	2775	14768
006	0799	0361	34899	665	2777	14783
006	0899	0359	34897	666	2777	14799
006	0999	0353	34898	668	2777	14813
006	1100	0350	34904	669	2778	14828
006	1200	0345	34904	668	2779	14843
006	1300	0345	34910	666	2779	14860
006	1399	0349	34923	659	2780	14878
006	1498	0348	34929	648	2780	14895
006	1596	0348	34935	645	2781	14911
019	1843	0343	34952	637	2783	14951
019	2040	0332	34957	635	2784	14980
019	2236	0321	34954	637	2785	15009
019	2433	0308	34965	639	2787	15037
019	2631	0302	34973	639	2788	15069
019	2830	0293	34970	638	2789	15099
019	3030	0279	34957	640	2789	15128
019	3130	0273	34956	640	2790	15142

C-REF-NO 001	YR 1966	DEPTH 3182	WAVES 1 0945	AIR T 04.8	VIS 7
CONS. NO 107	MONTH 4	MXSAMPD 32	WAVES 2 XX	WET B 03.2	STN
LAT 55-442N	DAY 27	NO.DPTH 28	WND-DIR 090	WW-CODE 03	
LON 41-560W	HR 07.0	W-COLOR	WND-SPD 16	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 994.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0003	0490	34809		2756	14704
070	0050	0486	34809	714	2756	14710
070	0100	0484	34805	713	2756	14717
070	0150	0430	34780	717	2760	14703
070	0199	0423	34786	708	2761	14708
070	0249	0425	34855	657	2767	14718
070	0297	0412	34869	657	2769	14721
070	0396	0391	34883	648	2772	14728
070	0495	0380	34894	652	2774	14740
070	0594	0371	34890	659	2775	14753
070	0692	0359	34885	671	2776	14764
070	0790	0357	34886	677	2776	14779
070	0887	0351	34885	677	2777	14793
070	0986	0349	34888	677	2777	14809
070	1084	0346	34890	672	2778	14824
070	1181	0346	34898	672	2778	14840
070	1281	0345	34900	672	2778	14857
070	1380	0345	34908	665	2779	14873
070	1478	0350	34923	656	2780	14892
091	1565	0352	34930	647	2780	14908
091	1763	0343	34944	641	2782	14938
091	1965	0337	34951	641	2783	14969
091	2166	0324	34957	641	2785	14998
091	2367	0307	34944	641	2786	15025
091	2569	0296	34957	641	2788	15055
091	2770	0288	34956	641	2788	15086
091	2971	0273	34953	641	2789	15115
091	3170	0262	34940	641	2789	15144

C-REF-NO 001	YR 1966	DEPTH 3510	WAVES 1 59XX	AIR T 05.5	VIS 5
CONS. NO 108	MONTH 4	MXSAMPD 34	WAVES 2 59XX	WET B 04.0	STN
LAT 56-250N	DAY 27	NO.DPTH 27	WND-DIR 090	WW-CODE 51	
LON 42-103W	HR 14.6	W-COLOR	WND-SPD 28	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 987.2	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	0013	0471	34803		2757	14698
146	0059	0472	34803	714	2757	14706
146	0109	0472	34801	715	2757	14714
146	0159	0437	34795	707	2761	14707
146	0208	0414	34812	686	2764	14706
146	0259	0415	34855	656	2768	14716
146	0308	0400	34868	656	2770	14718
146	0409	0378	34876	662	2773	14725
146	0509	0367	34879	666	2775	14737
146	0610	0357	34875	676	2775	14749
146	0711	0353	34879	678	2776	14765
146	0810	0354	34887	678	2776	14782
146	0911	0349	34889	678	2777	14796
146	1011	0347	34892	676	2778	14812
146	1111	0346	34894	676	2778	14828
146	1211	0344	34892	673	2778	14844
146	1312	0345	34896	673	2778	14862
165	1379	0338	34904	670	2779	14870
165	1577	0344	34911	666	2779	14906
165	1777	0349	34926	650	2780	14942
165	1977	0342	34936	645	2782	14973
165	2228	0334	34948	645	2783	15013
165	2479	0315	34951	643	2785	15048
165	2730	0301	34960	641	2787	15085
165	2982	0286	34957	639	2789	15122
165	3184	0268	34949	643	2789	15149
165	3385	0244	34919	707	2789	15174

C-REF-NO 001	YR 1966	DEPTH 3383	WAVES 1 0157	AIR T 04.7	VIS 8
CONS. NO 109	MONTH 4	MXSAMPD 33	WAVES 2 0157	WET B 04.0	STN
LAT 57-025N	DAY 28	NO. DPTH 27	WND-DIR 010	WW-CODE 01	
LON 42-208W	HR 08.6	W-COLOR	WND-SPD 19	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 994.5	CLD-AMT 6	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0003	0480	34825		2758	14700
087	0049	0478	34824	712	2758	14707
111	0099	0479	34825	708	2758	14715
095	0149	0487	34854	708	2760	14727
095	0198	0455	34824	692	2761	14722
095	0298	0425	34858	672	2767	14726
095	0398	0431	34910	637	2770	14746
095	0499	0411	34915	640	2773	14754
095	0600	0408	34926	630	2774	14770
095	0700	0394	34923	636	2775	14781
095	0799	0382	34922	642	2776	14792
095	0900	0376	34918	646	2777	14806
095	1000	0366	34917	652	2778	14819
095	1100	0361	34916	652	2778	14833
095	1200	0356	34914	657	2778	14848
095	1300	0354	34923	652	2779	14864
095	1399	0358	34940	646	2780	14882
095	1601	0347	34944	641	2782	14912
095	1804	0338	34952	640	2783	14942
111	1989	0330	34958	638	2784	14971
111	2188	0316	34959	638	2786	14999
111	2387	0307	34961	640	2787	15029
111	2584	0297	34962	640	2788	15058
111	2782	0287	34968	642	2789	15088
111	2979	0272	34955	642	2790	15116
111	3177	0248	34931	650	2790	15139
111	3275	0234	34931	656	2791	15151

C-REF-NU 001	YR 1966	DEPTH 3350	WAVES 1 3646	AIR T 04.2	VIS 7
CONS. NU 110	MONTH 4	MXSAMPD 33	WAVES 2 3646	WET B 03.3	STN
LAT 57-306N	DAY 28	NO.DPTH 28	WND-DIR 360	WW-CODE 01	
LON 42-272W	HR 17.1	W-COLOR	WND-SPD 16	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1000.0	CLD-AMT 6	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
171	0003	0510	34890		2760	14713
171	0050	0507	34909	716	2762	14720
171	0100	0496	34879	718	2761	14723
171	0150	0474	34858	718	2761	14722
171	0199	0461	34858	716	2763	14725
171	0299	0433	34893	651	2769	14730
171	0398	0420	34904	656	2771	14741
171	0498	0393	34897	656	2773	14746
171	0598	0382	34902	658	2775	14758
171	0697	0370	34896	672	2776	14770
171	0796	0361	34898	682	2777	14782
171	0896	0359	34896	678	2777	14798
171	0996	0355	34897	681	2777	14813
171	1096	0353		676		
171	1196	0349	34897	678	2778	14844
171	1297	0348	34900	679	2778	14861
171	1398	0350	34902	677	2778	14878
171	1601	0352	34921	655	2779	14914
171	1804	0345	34942	654	2782	14945
193	1961	0341	34947	649	2783	14970
193	2158	0330	34956	646	2784	14999
193	2356	0320	34959	648	2786	15029
193	2556	0304	34959	648	2787	15056
193	2754	0295	34970	645	2789	15087
193	2952	0277	34945	648	2788	15113
193	3149	0254	34936	651	2790	15137
193	3247	0238	34928	667	2790	15147
193	3345	0185	34913	677	2794	15141

C-REF-NO 001	YR 1966	DEPTH 3146	WAVES 1 3146	AIR T 03.6	VIS 8
CONS. NO 111	MONTH 4	MXSAMPD 31	WAVES 2 3646	WFT B 02.5	STN
LAT 58-042N	DAY 29	NO.DPTH 27	WND-DIR 310	WW-CODE 01	
LON 42-340W	HR 01.8	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 999.5	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0003	0441	34818		2762	14684
018	0050	0440	34821	725	2762	14691
018	0099	0434	34818	724	2763	14697
018	0149	0433	34838	721	2764	14705
018	0198	0429	34870	693	2767	14712
018	0248	0430	34904	699	2770	14721
018	0296	0406	34881	702	2771	14718
018	0396	0409	34901	696	2772	14736
018	0495	0398	34910	650	2774	14748
018	0594	0381	34905	659	2775	14757
018	0693	0368	34902	667	2776	14768
018	0792	0359	34896	671	2777	14781
018	0891	0353	34893	676	2777	14795
018	0991	0350	34893	676	2777	14810
018	1091	0349	34897	674	2778	14826
018	1191	0353	34905	666	2778	14845
018	1290	0352	34907	666	2778	14861
018	1388	0349	34915	661	2779	14876
018	1580	0348	34934	647	2781	14909
032	1772	0339	34942	640	2782	14937
032	1969	0325	34950	645	2784	14965
032	2168	0315	34951	640	2785	14995
032	2366	0299	34951	640	2787	15022
032	2565	0284	34949	643	2788	15049
032	2764	0266	34943	645	2789	15076
032	2961	0239	34929	655	2790	15098
032	3110	0165	34900	676	2794	15092

C-REF-NU 001	YR 1966	DEPTH 2630	WAVES 1 3435	AIR T 04.9	VIS 7
CONS. NO 112	MONTH 4	MXSAMPD 26	WAVES 2 XX	WET B 04.0	STN
LAT 58-287N	DAY 29	NO.DPTH 25	WND-DIR 340	WW-CODE 01	
LUN 42-472W	HR 07.4	W-COLOR	WND-SPD 09	CLD-TPE 5	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 997.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
074	0005	0455	34897		2767	14691
074	0052	0454	34896	727	2767	14698
074	0102	0457	34897	724	2766	14708
086	0151	0461	34906	729	2767	14718
086	0199	0454	34897	728	2767	14723
086	0249	0448	34894	718	2767	14728
086	0298	0444	34896	651	2768	14735
086	0398	0447	34944	646	2771	14753
086	0498	0424	34943	635	2774	14760
097	0600	0396	34924	642	2775	14765
097	0699	0381	34920	658	2776	14775
097	0798	0370	34914	662	2777	14787
097	0897	0356	34906	671	2778	14797
097	0997	0358	34914	669	2778	14815
097	1095	0354	34912	671	2778	14829
097	1196	0351	34916	667	2779	14845
097	1296	0354	34927	660	2780	14863
097	1396	0352	34942	647	2781	14879
097	1596	0343	34951	645	2783	14909
111	1819	0336	34954	638	2784	14944
111	2015	0314	34956	641	2786	14968
111	2211	0296	34947	641	2787	14994
111	2407	0244	34916	663	2789	15005
111	2504	0202	34911	670	2792	15003
111	2600	0186	34912	678	2793	15013

C-REF-NO 001	YR 1966	DEPTH 2049	WAVES 1 3465	AIR T 04.2	VIS 8
CONS. NO 113	MONTH 4	MXSAMPD 20	WAVES 2 3667	WET B 02.2	STN
LAT 58-468N	DAY 29	NO.DPTH 22	WND-DIR 340	WW-CODE 03	
LON 43-060W	HR 15.0	W-COLOR	WND-SPD 15	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 999.5	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0003	0480	34915		2765	14701
150	0049	0480	34917	702	2765	14709
150	0097	0512	34985	686	2767	14731
150	0146	0522	35006	686	2768	14743
150	0195	0524	35002	690	2767	14752
150	0245	0524	34998	688	2767	14760
150	0295	0520	34992	691	2767	14767
150	0396	0516	34989	686	2767	14782
150	0496	0471	34955	659	2769	14779
150	0597	0431	34929	630	2772	14779
150	0698	0394	34922	640	2775	14780
150	0798	0381	34918	652	2776	14791
150	0899	0367	34921	655	2778	14802
150	1000	0363	34923	655	2778	14817
150	1099	0360	34923	655	2779	14833
150	1199	0361	34936	648	2780	14850
150	1298	0360	34941	645	2780	14866
165	1443	0351	34951	641	2782	14887
165	1543	0342	34950	645	2783	14900
165	1642	0333	34950	645	2784	14913
165	1839	0297	34939	650	2786	14931
165	2035	0271	34925	661	2787	14953

C-REF-NO 001 YR 1966 DEPTH 1665 WAVES 1 3223 AIR T 02.6 VIS 8
 CONS. NO 114 MONTH 4 MXSAMPD 17 WAVES 2 3545 WET B 02.0 STN
 LAT 59-061N DAY 29 NO.DPTH 21 WND-DIR 320 WW-CODE 01
 LON 43-202W HR 20.1 W-COLOR WND-SPD 10 CLD-TPE 8
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1002.8 CLD-AMT 6 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
201	0003	0417	34744		2759	14673
201	0087	0467	34885	713	2764	14709
201	0137	0498	34944	703	2765	14731
201	0187	0502	34949	703	2765	14741
201	0237	0507	34961	705	2766	14752
201	0285	0512	34971	703	2766	14762
201	0335	0517	34983	702	2766	14772
201	0433	0524	35000	691	2767	14791
201	0530	0525	35005	695	2767	14808
201	0627	0526	35002	698	2767	14824
201	0725	0518	34996	684	2767	14837
201	0825	0485	34972	672	2769	14840
201	0923	0437	34952	667	2773	14836
201	1021	0407	34944	662	2776	14840
201	1119	0385	34938	656	2777	14847
201	1218	0377	34935	654	2778	14860
201	1316	0359	34926	656	2779	14869
201	1415	0347	34927	655	2780	14880
201	1513	0340	34926	659	2781	14894
201	1611	0334	34926	658	2782	14908
201	1659	0322	34924	662	2783	14911

C-REF-NO 001	YR 1966	DEPTH 1500	WAVES 1 3112	AIR T 00.6	VIS 8
CONS. NO 115	MONTH 4	MXSAMPD 15	WAVES 2 3545	WET B 00.2	STN
LAT 59-205N	DAY 29	NO.DPTH 24	WND-DIR 310	WW-CODE	
LON 43-087W	HR 23.1	W-COLOR	WND-SPD 08	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-YRNSP	BARO 1005.5	CLD-AMT 7	HW

O B S E R V E D

	GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
*242	0003		0330	34543	734	2751	14633
*242	0050		0347	34591	735	2754	14649
*242	0099		0404	34731	717	2759	14683
234	0130		0418	34768	694	2760	14694
*242	0149		0415	34761	711	2760	14696
234	0179		0434	34810	692	2762	14710
*242	0197		0433	34802	704	2762	14712
234	0229		0451	34846	700	2763	14726
234	0282		0475	34907		2765	14745
234	0329		0478	34910	692	2765	14754
234	0378		0488	34923	688	2765	14766
234	0428		0499	34945	686	2765	14779
234	0477		0522	34983	680	2766	14798
234	0527		0521	34984	682	2766	14805
234	0576		0520	34981	682	2766	14813
234	0675		0509	34967	683	2766	14825
234	0775		0517	34987	682	2767	14845
234	0873		0510	34985	671	2767	14858
234	0972		0495	34972	666	2768	14868
234	1072		0472	34959	652	2770	14875
234	1170		0437	34947	645	2773	14877
234	1270		0397	34937	648	2776	14877
234	1368		0361	34934	646	2780	14878
234	1467		0325	34929	652	2783	14880

#MULTIPLE CAST CONTINUED NEXT DAY

C-REF-NO 001	YR 1966	DEPTH 1720	WAVES 1 2823	AIR T 01.7	VIS 2
CONS. NO 116	MONTH 4	MXSAMPD 16	WAVES 2 XX	WET B 01.9	STN
LAT 59-300N	DAY 30	NO.DPTH 20	WND-DIR 280	WW-CODE 81	
LON 42-237W	HR 06.6	W-COLOR	WND-SPD 15	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1006.2	CLD-AMT	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0003	0440	34832		2763	14684
066	0021	0441	34835	716	2763	14687
066	0080	0465	34873	708	2764	14707
066	0129	0482	34907	701	2764	14723
066	0178	0491	34924	702	2765	14735
066	0227	0502	34947	708	2765	14748
066	0275	0515	34967	698	2765	14761
066	0373	0517	34989	693	2767	14778
066	0471	0524	35013	693	2768	14798
066	0570	0494	34975	683	2768	14801
066	0670	0481	34967	677	2769	14812
066	0772	0480	34958	677	2769	14829
066	0873	0469	34957	672	2770	14841
066	0975	0432	34950	677	2773	14843
066	1077	0412	34943	662	2775	14851
066	1178	0381	34935	445	2778	14855
066	1279	0374	34934	662	2778	14869
066	1377	0369	34941	656	2779	14883
066	1473	0358	34941	667	2780	14895
066	1565	0345	34940	667	2782	14905

C-REF-NO 001	YR 1966	DEPTH 2195	WAVES 1 3037	AIR T 00.7	VIS 4
CONS. NO 117	MONTH 4	MXSAMPD 22	WAVES 2 XX	WET B 00.0	STN
LAT 59-112N	DAY 30	NO.DPTH 24	WND-DIR 300	WW-CODE 70	
LON 42-088W	HR 10.0	W-COLOR	WND-SPD 15	CLD-TPE 7	
MARSD SQ 185	C/I 1810	W-VRNSP	BARO 1007.7	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0003	0470	34900		2765	14697
100	0050	0468	34896	709	2765	14704
100	0099	0472	34896	712	2765	14714
100	0150	0474	34900	713	2765	14723
100	0199	0496	34942	696	2766	14740
100	0249	0515	34984	687	2767	14757
100	0298	0519	34988	685	2766	14767
100	0397	0521	35011	685	2768	14784
100	0497	0512	34993	684	2768	14797
100	0596	0465	34957	636	2770	14793
100	0695	0425	34934	632	2773	14793
100	0794	0408	34936	640	2775	14802
100	0894	0388	34927	644	2776	14810
100	0994	0374	34932	650	2778	14821
100	1093	0368	34934	652	2779	14835
100	1194	0367	34934	652	2779	14852
100	1293	0365	34936	648	2779	14868
111	1377	0358	34941	646	2780	14879
111	1478	0345	34939	652	2782	14890
111	1578	0332	34940	652	2783	14902
111	1780	0304	34939	654	2785	14924
111	1979	0251	34922	677	2789	14935
111	2077	0239	34917	677	2789	14946
111	2175	0224	34921	681	2791	14956

C-REF-NO 001	YR 1966	DEPTH		WAVES 1 2654	AIR T 00.2	VIS 4
CONS. NO 118	MONTH 4	MXSAMPD 26		WAVES 2 3565	WET B 00.0	STN
LAT 58-518N	DAY 30	NO.DPTH 23		WND-DIR 280	WW-CODE 71	
LON 41-457W	HR 13.8	W-COLOR		WND-SPD 15	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP		BARO 1007.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0010	0463	34891		2765	14695
147	0050	0466	34909	717	2766	14703
147	0100	0505	34979	691	2767	14728
159	0150	0502	34975	693	2767	14735
159	0200	0509	34977	691	2767	14746
159	0301	0508	34982	681	2767	14763
159	0401	0462	34939	638	2769	14760
159	0504	0436	34941	630	2772	14766
178	0594	0407	34934	634	2775	14769
178	0691	0386	34915	650	2775	14776
178	0788	0376	34917	650	2777	14788
178	0890	0374	34919	653	2777	14804
178	0997	0359	34912	656	2778	14815
191	1081	0358	34918	656	2779	14829
191	1178	0354	34917	661	2779	14843
191	1277	0357	34941	650	2780	14862
191	1376	0357	34945	646	2781	14878
206	1587	0343	34958	638	2783	14908
206	1783	0329	34956	641	2784	14935
206	1980	0322	34954	638	2785	14966
*253	2343	0275	34949	643	2789	15007
*253	2542	0231	34927	655	2791	15022
*253	2641	0170	34911	671	2795	15013

*MULTIPLE CAST CONTINUED NEXT DAY

C-REF-NO 001	YR 1966	DEPTH 3017	WAVES 1 2645	AIR T 01.4	VIS 4
CONS. NO 119	MONTH 5	MXSAMPD 30	WAVES 2 3565	WET B 00.8	STN
LAT 58-328N	DAY 01	NO.DPTH 26	WND-DIR 280	WW-CODE 70	
LON 41-277W	HR 06.0	W-COLOR	WND-SPD 14	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1010.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
060	0003	0446	34887		2767	14687
060	0050	0446	34886	734	2767	14695
060	0099	0448	34886	729	2767	14703
060	0149	0448	34890	724	2767	14712
060	0197	0448	34895	731	2767	14720
060	0247	0450	34904	713	2768	14729
060	0295	0456	34919	705	2768	14739
060	0394	0432	34920	656	2771	14746
060	0492	0410	34918	649	2773	14753
060	0591	0397	34922	656	2775	14764
060	0690	0379	34917	666	2776	14773
060	0789	0370	34910	677	2777	14785
060	0890	0363	34910	672	2777	14799
060	0991	0358	34906	674	2778	14814
060	1091	0354	34912	676	2778	14829
060	1193	0354	34915	674	2779	14846
060	1294	0354	34919	668	2779	14863
060	1392	0353	34921	672	2779	14879
060	1585	0349	34948	659	2782	14910
076	1808	0338	34950	659	2783	14943
076	2009	0323	34953	655	2785	14971
076	2209	0309	34956	651	2786	14999
076	2411	0292	34956	656	2788	15026
076	2611	0280	34951	648	2789	15056
076	2812	0259	34940	658	2790	15081
076	3011	0165	34908	688	2795	15075

C-REF-NO 001 YR 1966 DEPTH 3164 WAVES 1 3045 AIR T 01.6 VIS 6
 CONS. NO 120 MONTH 5 MXSAMPD 32 WAVES 2 3256 WET B 00.4 STN
 LAT 58-044N DAY 01 NO.DPTH 27 WND-DIR 300 WW-CODE 03
 LON 41-073W HR 11.9 W-COLOR WND-SPD 11 CLD-TPE 6
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1011.3 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
119	0003	0506	34899		2761	14712
119	0050	0505	34898	707	2761	14719
119	0099	0506	34894	709	2761	14728
119	0150	0459	34867	708	2764	14716
119	0199	0437	34862	708	2766	14715
119	0249	0433	34867	699	2767	14722
119	0298	0430	34872	694	2767	14728
119	0398	0411	34885	681	2770	14737
119	0497	0402	34902	648	2773	14750
119	0596	0390	34905	650	2774	14761
119	0696	0377	34905	660	2776	14773
119	0796	0364	34894	671	2776	14784
119	0896	0357	34895	672	2777	14797
119	0997	0356	34895	672	2777	14814
119	1098	0354	34899	671	2777	14830
119	1199	0353	34900	669	2778	14846
119	1300	0351	34903	671	2778	14862
119	1400	0350	34888		2777	14879
119	1596	0352	34926	648	2780	14913
136	1840	0346	34949	645	2782	14952
136	2039	0336	34957	668	2784	14982
136	2240	0322	34954	643	2785	15010
136	2440	0306	34956	640	2787	15037
136	2641	0297	34957	641	2788	15068
136	2842	0284	34954	642	2788	15097
136	3043	0251	34937	653	2790	15118
136	3196	0168	34910	674	2795	15108

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3109	WAVES 1 3045	AIR T 02.0	VIS 6
CONS. NO 121	MONTH 5	MXSAMPD 32	WAVES 2 3556	WET B 00.8	STN
LAT 57-301N	DAY 01	NO.DPTH 26	WND-DIR 300	WW-CODE 70	
LON 40-482W	HR 18.0	W-COLOR	WND-SPD 11	CLD-TPE	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1013.5	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0003	0511	34881		2759	14714
180	0050	0509	34881	715	2759	14721
180	0099	0499	34883	705	2761	14725
180	0149	0476	34890	699	2764	14723
180	0198	0454	34889	698	2766	14722
180	0297	0428	34889	705	2769	14728
180	0396	0432	34921	638	2771	14746
180	0495	0410	34923	636	2774	14753
180	0594	0394	34921	646	2775	14763
180	0693	0380	34912	667	2776	14773
180	0792	0368	34909	667	2777	14785
180	0891	0362	34910	670	2778	14799
180	0991	0357	34910	684	2778	14813
180	1090	0353	34913	687	2779	14828
180	1190	0353	34921	672	2779	14845
180	1289	0354	34938	663	2781	14862
180	1386	0353		662		
180	1576	0348	34943	651	2782	14908
199	1910	0331	34948	653	2784	14957
199	2106	0317	34951	654	2785	14985
199	2302	0305	34952	651	2786	15013
199	2501	0298	34965	649	2788	15045
199	2699	0293	34966	648	2789	15076
199	2900	0268	34956	656	2790	15100
199	3103	0246	34938	658	2791	15126
199	3206	0241	34936		2791	15142

#DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3300 WAVES 1 3034 AIR T 03.6 VIS 7
 CONS. NO 122 MONTH 5 MXSAMPD 33 WAVES 2 3556 WET B 01.7 STN
 LAT 56-572N DAY 02 NO.DPTH 28 WND-DIR 300 WW-CODE 87
 LON 40-238W HR 00.9 W-COLOR WND-SPD 10 CLD-TPE
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1015.5 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
009	0003	0591	34931		2753	14747
009	0053	0586	34922	689	2753	14753
009	0099	0578	34906	691	2753	14757
009	0149	0575	34903	693	2753	14764
009	0198	0575	34904	696	2753	14772
009	0248	0573	34915	668	2754	14780
009	0297	0558	34942	634	2758	14782
009	0397	0506	34918	625	2762	14777
009	0497	0472	34938	597	2768	14780
009	0597	0435	34928	615	2771	14781
009	0697	0403	34913	635	2774	14784
009	0798	0385	34908	652	2775	14793
009	0899	0370	34900	661	2776	14803
009	1000	0360	34899	666	2777	14816
009	1101	0356	34899	666	2777	14831
009	1200	0354	34900	666	2778	14847
009	1300	0353	34901	664	2778	14863
009	1397	0352	34911	658	2779	14879
009	1492	0354	34924	650	2779	14896
047	1679	0353	34944	640	2781	14928
047	1874	0342	34951	642	2783	14956
047	2072	0337	34956	640	2784	14988
047	2269	0322	34961	640	2785	15015
047	2469	0314	34971	640	2787	15046
047	2673	0304	34969	640	2788	15077
047	2882	0296	34961	640	2788	15109
047	3100	0288	34955	640	2788	15143
047	3326	0266	34943	645	2789	15173

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3292	WAVES 1 3034	AIR T 03.5	VIS 8
CONS. NO 123	MONTH 5	MXSAMPD 33	WAVES 2 3244	WET B 00.5	STN
LAT 56-181N	DAY 02	NO.DPTH 28	WND-DIR 300	WW-CODE 87	
LON 39-497W	HR 09.8	W-COLOR	WND-SPD 14	CLD-TPE 8	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1016.1	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0003	0519	34796		2751	14716
097	0050	0516	34794	713	2751	14722
097	0099	0511	34788	710	2752	14728
097	0149	0479	34793	703	2756	14723
097	0198	0461	34802	698	2758	14724
097	0297	0451	34885	622	2766	14737
097	0395	0434	34909	620	2770	14747
097	0495	0414	34923	625	2773	14755
097	0594	0395	34915	636	2775	14763
097	0693	0392	34920	640	2775	14779
097	0793	0383	34923	636	2776	14791
097	0892	0376	34918	646	2777	14805
097	0992	0368	34920	646	2778	14818
097	1093	0364	34920	646	2778	14833
097	1192	0358	34924	646	2779	14847
097	1292	0357	34927	645	2779	14864
097	1392	0353	34926	644	2780	14879
097	1491	0348	34937	642	2781	14894
097	1588	0343	34945	641	2782	14908
116	1827	0333	34948	633	2783	14944
116	2027	0323	34953	640	2785	14974
116	2228	0308	34957	639	2786	15002
116	2428	0302	34963	639	2788	15034
116	2629	0297	34968	635	2788	15066
116	2831	0290	34959	635	2788	15098
116	3032	0283	34956	636	2789	15130
116	3234	0279	34949	638	2789	15163
116	3284	0278	34948		2789	15171

C-REF-NO 001 YR 1966 DEPTH 3072 WAVES 1 3035 AIR T 03.5 VIS 8
 CONS. NO 124 MONTH 5 MXSAMPD 31 WAVES 2 3254 WET B 01.0 STN
 LAT 55-433N DAY 02 NO.DPTH 28 WND-DIR 300 WW-CODE 01
 LON 39-170W HR 16.9 W-COLOR WND-SPD 08 CLD-TPE 9
 MARSD SQ 184 C/I 1810 W-TRNSP BARO 1017.3 CLD-AMT 7 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
169	0003	0602	34892		2749	14751
169	0050	0593	34900	698	2750	14755
169	0099	0594	34906	691	2751	14763
169	0150	0590	34911	697	2752	14770
169	0199	0590	34910	701	2752	14778
169	0298	0520	34877	615	2758	14766
169	0397	0489	34950	584	2767	14770
169	0497	0450	34940	613	2771	14771
169	0596	0409	34921	636	2774	14770
169	0696	0387	34911	651	2775	14777
169	0796	0369	34900	665	2776	14786
169	0896	0366	34903	672	2777	14801
169	0996	0357	34900	671	2777	14814
169	1097	0353	34900	671	2778	14829
169	1197	0352	34907	667	2778	14846
169	1298	0357	34923	656	2779	14865
169	1397	0357	34931	651	2780	14882
169	1497	0350	34939	648	2781	14896
169	1596	0345	34948	647	2782	14910
189	1835	0337	34959	644	2784	14947
189	2032	0329	34976	644	2786	14978
189	2228	0322	34975	641	2787	15008
189	2426	0315	34975	642	2787	15039
189	2625	0305	34974	641	2788	15069
189	2826	0301	34966	641	2788	15102
189	3029	0297	34961	641	2788	15135
189	3081	0299	34960	644	2788	15145
189	3133	0298	34960	642	2788	15153

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2816	WAVES 1 2923	AIR T 03.0	VIS 8
CONS. NO 125	MONTH 5	MXSAMPD 28	WAVES 2 3245	WET B 00.7	STN
LAT 55-047N	DAY 03	NO.DPTH 27	WND-DIR 290	WW-CODE 03	
LON 38-383W	HR 00.4	W-COLOR	WND-SPD 09	CLD-TPE	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1018.8	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0003	0573	34830		2747	14738
004	0050	0552	34812	681	2749	14737
004	0099	0540	34802	703	2749	14740
004	0149	0519	34792	704	2751	14740
004	0198	0492	34801	689	2755	14737
004	0247	0552	34943	556	2759	14771
004	0296	0506	34924	576	2763	14760
004	0394	0448	34917	606	2769	14752
004	0493	0427	34922	614	2772	14760
004	0592	0392	34894	644	2773	14761
004	0691	0376	34893	653	2775	14771
004	0791	0366	34885	666	2775	14783
004	0891	0359	34896	666	2777	14797
004	0991	0357	34891	666	2776	14813
004	1092	0353	34893	666	2777	14828
004	1192	0351	34897	664	2778	14844
004	1292	0351	34901	661	2778	14861
004	1392	0352	34916	655	2779	14878
018	1434	0353	34922	650	2779	14886
004	1490	0352	34930	645	2780	14895
018	1631	0346	34943	645	2782	14916
018	1826	0340	34956	640	2783	14947
018	2024	0326	34958	640	2785	14975
018	2221	0319	34967	640	2786	15006
018	2421	0308	34965	640	2787	15035
018	2622	0300	34978	640	2789	15066
018	2826	0300	34974	640	2789	15101

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3036 WAVES 1 2923 AIR T 03.5 VIS 8
 CONS. NO 126 MONTH 5 MXSAMPD 30 WAVES 2 3243 WET B 01.0 STN
 LAT 54-287N DAY 03 NO.DPTH 28 WND-DIR 290 WW-CODE 03
 LON 38-022W HR 06.6 W-COLOR WND-SPD 05 CLD-TPE B
 MARSD SQ 184 C/I 1810 W-TRNSP BARO 1016.0 CLD-AMT 7 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
065	0003	0634	34861		2742	14763
065	0049	0614	34871	698	2745	14763
065	0097	0600	34872	693	2747	14765
065	0145	0582	34875	682	2750	14766
065	0192	0568	34883	672	2752	14768
065	0241	0525	34881	634	2757	14758
065	0288	0520	34946	584	2763	14765
065	0384	0471	34952	589	2769	14761
065	0481	0449	34952	597	2772	14768
065	0578	0418	34943	622	2774	14771
065	0676	0398	34935	631	2776	14778
065	0775	0385	34929	646	2777	14789
065	0875	0370	34921	656	2778	14800
065	0975	0364	34921	661	2778	14814
065	1075	0359	34922	661	2779	14828
065	1176	0357	34923	660	2779	14844
065	1275	0359	34937	654	2780	14862
065	1372	0352	34939	652	2781	14875
065	1465	0350	34950	651	2782	14890
082	1588	0345	34954	641	2783	14909
082	1786	0332	34961	637	2785	14937
082	1986	0326	34965	637	2785	14968
082	2185	0314	34969	637	2787	14997
082	2385	0311	34974	637	2788	15030
082	2586	0306	34985	636	2789	15063
082	2786	0302	34981	634	2789	15095
082	2988	0303	34976	633	2788	15131
082	3039	0301	34979	632	2789	15139

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2578	WAVES 1 0912	AIR T 04.2	VIS 8
CONS. NO 127	MONTH 5	MXSAMPD 26	WAVES 2 3034	WET B 01.0	STN
LAT 53-507N	DAY 03	NO.DPTH 27	WND-DIR 090	WW-CODE 03	
LON 37-290W	HR 13.2	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1015.9	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
132	0003	0665	34896		2741	14776
132	0026	0665				
132	0050	0660	34895	691	2741	14782
132	0099	0635	34895	676	2745	14780
132	0149	0619	34903	661	2747	14782
132	0198	0597	34905	646	2750	14781
132	0248	0581	34947	574	2756	14783
132	0297	0535	34931	568	2760	14772
132	0396	0498	34952	566	2766	14774
132	0496	0459	34957	585	2771	14774
132	0597	0430	34947	607	2773	14779
132	0697	0404	34935	629	2775	14784
132	0798	0385	34923	643	2776	14793
132	0899	0373	34918	643	2777	14805
132	0999	0363	34918	653	2778	14817
132	1101	0358	34929	650	2779	14832
132	1201	0357	34937	645	2780	14849
132	1302	0353	34940	647	2781	14864
132	1401	0347	34950	644	2782	14878
132	1499	0343	34954	638	2783	14893
147	1635	0335	34963	640	2784	14913
147	1835	0323	34973	638	2786	14942
147	2034	0317	34976	641	2787	14973
147	2234	0310	34982	638	2788	15004
147	2385	0308	34984	635	2789	15029
147	2486	0307	34987	637	2789	15046
147	2587	0304	34988	635	2789	15062

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2725 WAVES 1 3532 AIR T 03.8 VIS 8
 CONS. NO 128 MONTH 5 MXSAMPD 26 WAVES 2 3343 WET B 01.0 STN
 LAT 54-278N DAY 03 NO.DPTH 25 WND-DIR 350 WW-CODE 03
 LON 36-581W HR 19.2 W-COLOR WND-SPD 02 CLD-TPE 8
 MARSD SQ 184 C/I 1810 W-TRNSP BARO 1010.8 CLD-AMT 4 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
192	0003	0702	34952		2740	14791
192	0050	0689	34950	681	2742	14794
192	0100	0695	34991	672	2744	14805
198	0149	0689	34987	664	2744	14811
198	0198	0694	35021	653	2746	14821
198	0248	0681	35005	650	2747	14824
198	0296	0651	34995	587	2750	14820
209	0392	0560	34964	550	2760	14799
209	0493	0494	34984	564	2769	14789
217	0595	0441	34949	598	2772	14783
217	0693	0414	34940	614	2775	14788
217	0792	0396	34932	629	2776	14797
217	0890	0378	34923	640	2777	14805
217	0988	0368	34927	645	2778	14818
227	1099	0367	34938	641	2779	14836
227	1197	0363	34940	641	2780	14851
227	1297	0360	34946	643	2781	14866
227	1399	0353	34952	641	2782	14880
227	1505	0347		638		
239	1587	0341	34963	640	2784	14907
239	1783	0335	34976	637	2785	14938
239	1979	0331	34982	635	2786	14970
*253	2175	0321	34983	635	2787	14999
*253	2374	0314	34982	635	2788	15030
*253	2574	0312	34986	635	2788	15063

*MULTIPLE CAST CONTINUED NEXT DAY

C-REF-NO 001	YR 1966	DEPTH 1920	WAVES 1 3032	AIR T 04.5	VIS 8
CONS. NO 129	MONTH 5	MXSAMPD 18	WAVES 2 3343	WET B 01.3	STV
LAT 55-023N	DAY 04	NO.DPTH 22	WND-DIR 300	WW-CODE 03	
LON 36-285W	HR 06.2	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
062	0003	0676	34946		2743	14781
062	0050	0668	34947	687	2744	14785
062	0099	0654	34941	681	2746	14788
062	0149	0642	34941	683	2747	14791
062	0198	0610	34922	670	2750	14786
062	0248	0594	34925	646	2752	14788
062	0296	0585	34962	568	2756	14793
062	0346	0560	34984	548	2761	14791
062	0446	0499	34988	573	2769	14783
062	0544	0446	34968	599	2773	14777
062	0643	0423	34952	615	2775	14784
062	0741	0395	34941	635	2777	14788
062	0841	0383	34935	644	2777	14800
062	0941	0374	34928	650	2778	14812
062	1042	0359	34940	656	2780	14823
062	1142	0355	34943	651	2781	14838
062	1243	0350	34947	651	2782	14853
062	1344	0348	34955	649	2782	14869
062	1445	0343	34965	646	2784	14884
062	1544	0341	34967	646	2784	14900
062	1645	0338	34976	642	2785	14916
062	1839	0335	34980	641	2786	14948

C-REF-NO 001	YR 1966	DEPTH 1554	WAVES 1 3013	AIR T 05.8	VIS 8
CONS. NO 130	MONTH 5	MXSAMPD 15	WAVES 2 3244	WET B 02.5	STN
LAT 55-396N	DAY 04	NO.DPTH 19	WND-DIR 300	WW-CODE 03	
LON 35-485W	HR 11.0	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1011.3	CLD-AMT 7	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
110	0003	0740	35076		2744	14808
110	0050	0738	35076	667	2745	14815
110	0099	0741	35075	668	2744	14824
110	0149	0742	35075	670	2744	14832
110	0198	0750	35096	662	2744	14844
110	0296	0759	35121	642	2745	14864
110	0394	0694	35071	567	2750	14854
110	0493	0637	35056	528	2757	14847
110	0592	0568	35035	539	2764	14836
110	0692	0486	34998	575	2771	14819
110	0792	0435	34968	605	2774	14814
110	0893	0412	34952	621	2776	14821
110	0993	0388	34947	636	2778	14827
110	1095	0372	34944	637	2779	14837
110	1195	0365	34944	641	2780	14851
110	1296	0363	34948	641	2780	14867
110	1394	0362	34954	641	2781	14883
110	1493	0351	34969	639	2783	14896
110	1541	0349	34973	639	2784	14903

C-REF-NO 001	YR 1966	DEPTH 1289	WAVES 1 3013	AIR T 10.1	VIS 8
CONS. NO 131	MONTH 5	MXSAMPD 12	WAVES 2 3244	WET B 06.1	STN
LAT 56-047N	DAY 04	NO.DPTH 16	WND-DIR 300	WW-CODE 01	
LON 35-232W	HR 15.2	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1011.6	CLD-AMT 4	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0003	0737	35064		2744	14806
152	0050	0732	35061	674	2744	14812
152	0099	0727	35059	671	2745	14818
152	0149	0735	35061	672	2744	14829
152	0198	0747	35096	654	2745	14843
152	0248	0758	35120	647	2745	14855
152	0348	0737	35099	632	2746	14863
152	0448	0678	35072	545	2753	14856
152	0549	0583	35049	537	2763	14835
152	0648	0507	35008	563	2769	14820
152	0749	0464	34987	587	2773	14819
152	0850	0425	34962	609	2775	14819
152	0951	0400	34949	630	2777	14825
152	1050	0383	34935	640	2777	14834
152	1150	0377	34942	640	2779	14849
152	1248	0365	34941	640	2780	14860

C-REF-NO 001 YR 1966 DEPTH 2286 WAVES 1 3032 AIR T 05.9 VIS 8
 CONS. NO 132 MONTH 5 MXSAMPD 23 WAVES 2 3232 WET B 02.4 STN
 LAT 56-302N DAY 04 NO.DPTH 24 WND-DIR 300 WW-CODE 03
 LON 35-508W HR 18.8 W-COLOR WND-SPD 05 CLD-TPE 8
 MARSD SQ 184 C/I 1810 W-TRNSP BARO 1012.0 CLD-AMT 5 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
188	0003	0720	35055		2745	14800
188	0050	0704	35052	687	2747	14801
188	0100	0705	35049	679	2747	14810
188	0150	0705	35058	674	2748	14818
188	0199	0700	35056	671	2748	14824
188	0249	0699	35056	667	2748	14832
188	0298	0699		665		
188	0398	0683	35045	646	2750	14850
188	0499	0630	35033	559	2756	14845
188	0599	0548	35011	547	2765	14829
188	0699	0491	34990	574	2770	14822
188	0800	0456	34969	600	2772	14824
188	0900	0415	34946	626	2775	14823
188	1002	0396	34935	636	2776	14832
188	1103	0378	34930	641	2777	14841
188	1202	0372	34933	641	2778	14855
188	1302	0368	34939	636	2779	14870
204	1426	0359	34951	636	2781	14888
204	1524	0351	34956	637	2782	14901
204	1623	0350	34965	636	2783	14917
204	1819	0341	34972	636	2785	14947
204	2018	0335	34981	631	2786	14978
204	2217	0324	34979	632	2787	15007
204	2318	0322	34979	631	2787	15024

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2743 WAVES 1 3243 AIR T 05.5 VIS 7
 CONS. NO 133 MONTH 5 MXSAMPD 28 WAVES 2 3354 WET B 04.2 STN
 LAT 56-539N DAY 05 NO.DPTH 27 WND-DIR 320 WW-CODE
 LON 36-250W HR 01.2 W-COLOR WND-SPD 08 CLD-TPE
 MARSD SQ 184 C/I 1810 W-TRNSP BARO 1015.9 CLD-AMT HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
012	0003	0720	35041		2744	14799
012	0026	0717				
012	0050	0703	35041	659	2747	14800
012	0099	0705	35044	666	2747	14809
012	0150	0706	35054	671	2747	14818
012	0199	0699	35053	655	2748	14824
012	0249	0691	35050	655	2749	14829
012	0298	0671	35028	640	2750	14828
012	0397	0613	35026	556	2758	14822
012	0497	0543	35012	553	2765	14810
012	0597	0492	34999	571	2771	14805
012	0697	0443	34964	597	2773	14801
012	0797	0413	34949	614	2775	14805
012	0897	0391	34937	630	2777	14812
012	0997	0380	34937	635	2778	14824
012	1098	0373	34939	640	2779	14838
012	1198	0367	34944	640	2780	14853
012	1299	0363	34948	640	2780	14868
012	1398	0356	34954	637	2782	14882
012	1498	0351	34962	639	2783	14896
027	1715	0345	34977	640	2785	14931
027	1916	0337	34983	636	2786	14961
027	2116	0332	34985	636	2786	14993
027	2316	0321	34982	637	2787	15023
027	2518	0315	34978	640	2788	15055
027	2721	0310	34978	635	2788	15088
027	2824	0308	34978	640	2788	15104

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 3127 WAVES 1 3345 AIR T 03.9 VIS 8
 CONS. NO 134 MONTH 5 MXSAMPD 31 WAVES 2 3354 WET B 01.2 STN
 LAT 57-187N DAY 05 NO.DPTH 28 WND-DIR 330 WW-CODE 03
 LON 37-066W HR 07.5 W-COLOR WND-SPD 12 CLD-TPE 8
 MARSD SQ 184 C/I 1810 W-TRNSP BARO 1019.2 CLD-AMT 5 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
075	0003	0645	34996		2751	14769
075	0050	0644	34994	683	2751	14777
075	0099	0643	34994	673	2751	14784
075	0149	0639	34989	682	2751	14791
075	0197	0637	34993	670	2752	14798
075	0246	0627	34990	666	2753	14802
075	0294	0603	34971	659	2755	14800
075	0393	0562	34946	649	2758	14799
075	0490	0517	34952	598	2764	14797
075	0587	0487	34978	575	2769	14801
075	0685	0434	34951	604	2773	14795
075	0783	0412	34936	626	2774	14802
075	0881	0386	34924	645	2776	14807
075	0980	0380	34931	646	2777	14821
075	1081	0357	34906	667	2778	14828
075	1180	0368	34930	646	2778	14850
075	1280	0368	34941	642	2779	14867
075	1380	0363	34947	641	2780	14881
075	1479	0357	34957	637	2782	14896
095	1619	0352	34967	635	2783	14917
095	1815	0339	34964	641	2784	14945
095	2012	0332	34973	641	2785	14976
095	2211	0321	34977	637	2787	15005
095	2411	0313	34978	637	2788	15036
095	2613	0305	34975	636	2788	15067
095	2817	0299	34977	639	2789	15099
095	3019	0295	34972	639	2789	15133
095	3120	0281	34962	641	2789	15144

C-REF-NO 001 YR 1966 DEPTH 3237 WAVES 1 3054 AIR T 04.5 VIS 8
 CONS. NO 135 MONTH 5 MXSAMPD 33 WAVES 2 3556 WET B 03.2 STN
 LAT 57-453N DAY 05 NO.DPTH 28 WND-DIR 300 WW-CODE 01
 LON 37-475W HR 14.5 W-COLOR WND-SPD 08 CLD-TPE 8
 MARSD SQ 184 C/I 1810 W-TRNSP BARD 1023.3 CLD-AMT 4 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
145	0003	0574	34909		2753	14740
145	0048	0570	34908	688	2754	14745
145	0095	0571	34906	697	2754	14754
145	0143	0554	34895	697	2755	14754
145	0190	0533	34897	679	2758	14754
145	0238	0520	34908	672	2760	14756
145	0285	0506	34908	662	2762	14758
145	0380	0479	34929	621	2766	14763
145	0476	0437	34930	621	2771	14762
145	0574	0399	34918	650	2774	14762
145	0673	0377	34906	659	2776	14769
145	0774	0366	34902	668	2776	14781
145	0875	0361	34902	668	2777	14795
145	0980	0356	34907	671	2778	14811
145	1084	0352	34901	674	2778	14827
145	1187	0351	34906	668	2778	14843
145	1291	0352	34910	671	2779	14861
145	1393	0349	34922	664	2780	14877
145	1492	0352	34925	653	2780	14895
160	1583	0355	34944	645	2781	14912
160	1783	0348	34956	650	2783	14943
160	1983	0336	34962	640	2784	14972
160	2184	0323	34963	640	2786	15001
160	2235	0320	34964	645	2786	15008
160	2487	0306	34965	640	2787	15046
160	2740	0298	34972	642	2789	15086
160	2995	0285	34976	645	2790	15124
160	3252	0205	34923	669	2793	15134

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 2926	WAVES 1 3145	AIR T 03.6	VIS 8
CONS. NO 136	MONTH 5	MXSAMPD 31	WAVES 2 3154	WET B 01.5	STN
LAT 58-079N	DAY 05	NO.DPTH 28	WND-DIR 310	WW-CODE 03	
LON 38-328W	HR 20.6	W-COLOR	WND-SPD 09	CLD-TPE 8	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1023.5	CLD-AMT 6	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0003	0483	34863		2761	14702
206	0050	0467	34867	723	2763	14703
206	0099	0461	34878	723	2764	14709
206	0149	0459	34885	722	2765	14716
206	0198	0464	34918	704	2767	14727
206	0296	0456	34922	705	2769	14740
206	0395	0400	34870	708	2770	14732
206	0492	0406	34890	703	2771	14751
206	0590	0412	34902	663	2772	14770
206	0688	0390	34910	654	2775	14777
206	0786	0364	34892	672	2776	14782
206	0883	0358	34881	677	2776	14795
206	0982	0354	34892	677	2777	14810
206	1082	0351	34897	676	2778	14826
206	1181	0353	34901	671	2778	14843
206	1281	0352	34908	667	2778	14860
206	1381	0359	34924	658	2779	14880
206	1582	0355	34940	646	2781	14912
206	1785	0345	34951	642	2782	14942
227	2204	0319	34953	646	2785	15002
227	2400	0308	34955	644	2786	15031
227	2596	0301	34962	641	2788	15062
227	2794	0291	34961	642	2788	15092
227	2893	0260	34947	653	2790	15096
227	2993	0221	34927	664	2792	15096
227	3043	0207	34920	671	2792	15098
227	3093	0204	34920	672	2793	15106
227	3144	0193	34916		2793	15110

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001	YR 1966	DEPTH 3150	WAVES 1 2912	AIR T 03.6	VIS 8
CONS. NO 137	MONTH 5	MXSAMPD 31	WAVES 2 3134	WET B 01.6	STN
LAT 58-303N	DAY 06	NO.DPTH 28	WND-DIR 290	WW-CODE 01	
LON 39-145W	HR 02.9	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1023.0	CLD-AMT 3	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
029	0003	0546	34906		2757	14728
029	0050	0463	34867	726	2763	14701
029	0099	0456	34875	727	2765	14707
029	0149	0434	34873	703	2767	14706
029	0198	0460	34922	704	2768	14725
029	0297	0445	34916	688	2769	14735
029	0397	0408	34881	703	2770	14736
029	0495	0414	34910	662	2772	14755
029	0593	0399	34916	646	2774	14765
029	0692	0391	34921	652	2775	14778
029	0790	0377	34920	655	2777	14788
029	0888	0374	34922	657	2777	14803
029	0987	0364	34911	664	2777	14816
029	1088	0358	34914	667	2778	14830
029	1186	0359	34921	657	2779	14847
029	1286	0360	34927	656	2779	14864
029	1386	0359	34926	656	2779	14880
029	1586	0357	34944	642	2781	14914
029	1786	0344	34945	641	2782	14942
044	1984	0333	34949	641	2783	14971
044	2182	0318	34951	646	2785	14998
044	2381	0304	34954	642	2787	15026
044	2580	0292	34957	641	2788	15055
044	2780	0280	34958	642	2789	15085
044	2983	0238	34931	657	2791	15102
044	3033	0215	34917	667	2791	15100
044	3083	0185	34913	672	2794	15096
044	3134	0158	34910	677	2795	15093

C-REF-NO 001	YR 1966	DEPTH 3041	WAVES 1 0913	AIR T 04.0	VIS 8
CONS. NO 138	MONTH 5	MXSAMPD 30	WAVES 2 3035	WET B 01.5	STN
LAT 58-568N	DAY 06	NO.DPTH 28	WND-DIR 090	WW-CODE 03	
LON 39-560W	HR 09.8	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 184	C/I 1810	W-TRNSP	BARO 1018.4	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0003	0539	34908		2758	14725
111	0050	0470	34871	739	2763	14704
111	0099	0470	34890	729	2764	14713
111	0148	0461	34898	725	2766	14717
111	0197	0464	34911	713	2767	14727
111	0295	0477	34946	708	2768	14749
111	0394	0443	34922	651	2770	14750
111	0495	0429	34933	633	2772	14761
111	0598	0403	34930	646	2775	14768
098	0739	0383	34912	657	2776	14782
098	0839	0371	34910	665	2777	14794
098	0939	0365	34910	672	2777	14808
098	1039	0359	34910	674	2778	14822
098	1139	0356	34908	672	2778	14838
098	1238	0353	34914	675	2779	14853
098	1339	0353	34916	669	2779	14870
098	1438	0357	34922	672	2779	14888
098	1637	0351	34944	646	2781	14920
098	1837	0339	34949	651	2783	14948
098	2037	0328	34952	651	2784	14978
098	2236	0315	34955	650	2786	15006
098	2434	0305	34957	652	2787	15036
098	2633	0282	34950	655	2788	15060
098	2832	0228	34918	676	2790	15071
098	2882	0209	34914	677	2792	15071
098	2931	0186	34910	685	2793	15070
098	2981	0159	34909	687	2795	15067
098	3030	0146	34909	690	2796	15070

C-REF-NO 001 YR 1966 DEPTH 2780 WAVES 1 0743 AIR T 04.5 VIS 18
 CONS. NO 139 MONTH 5 MXSAMPD 28 WAVES 2 0256 WET B 02.3 STN
 LAT 59-173N DAY 06 NO.DPTH 26 WND-DIR 070 WW-CODE 03
 LON 40-255W HR 14.5 W-COLOR WND-SPD 10 CLD-TPE 7
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1016.0 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
145	0003	0483	34864		2761	14702
145	0050	0480	34862	732	2761	14708
145	0098	0450	34905	719	2768	14704
145	0148	0452	34910	708	2768	14713
145	0196	0459	34925	702	2768	14724
145	0294	0428	34890	696	2769	14727
145	0393	0427	34943	661	2773	14744
145	0491	0399		645		
145	0589	0386	34921	642	2776	14759
145	0687	0374	34916	650	2777	14770
145	0785	0365	34913	655	2777	14782
145	0883	0362	34912	661	2778	14797
145	0982	0357	34921	663	2779	14812
145	1080	0355	34922	663	2779	14827
145	1177	0354	34926	657	2780	14843
145	1275	0356	34938	650	2780	14861
145	1371	0351	34940	649	2781	14875
145	1564	0336	34944	642	2783	14901
145	1753	0326	34952	644	2784	14929
162	1989	0310	34960	644	2787	14962
162	2188	0297	34961	640	2788	14990
162	2388	0284	34962	641	2789	15019
162	2589	0253	34942	650	2790	15040
162	2689	0214	34922	664	2792	15040
162	2739	0187	34917	674	2794	15037
162	2790	0152	34910	682	2796	15031

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2413 WAVES 1 0565 AIR T 04.3 VIS 7
 CONS. NO 140 MONTH 5 MXSAMPD 24 WAVES 2 3345 WET B 02.1 STN
 LAT 59-334N DAY 06 NO.DPTH 27 WND-DIR 050 WW-CODE 03
 LON 40-570W HR 19.8 W-COLOR WND-SPD 15 CLD-TPE 8
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1011.8 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0003	0477	34871		2762	14700
198	0050	0476	34873	718	2762	14707
198	0099	0489	34929	708	2765	14721
198	0149	0495	34956	700	2767	14732
198	0197	0458	34911	703	2767	14724
198	0247	0476	34940	697	2768	14740
198	0295	0484	34962	672	2768	14752
198	0394	0439	34939	628	2772	14749
198	0491	0414	34934	631	2774	14755
198	0589	0390	34920	646	2775	14760
198	0688	0372	34905	657	2776	14769
198	0786	0366	34908	667	2777	14783
198	0885	0362	34915	662	2778	14798
198	0986	0359	34916	662	2778	14813
198	1085	0352	34916	664	2779	14827
198	1185	0357	34932	652	2780	14846
198	1285	0360	34947	646	2781	14864
198	1382	0357	34953	642	2781	14879
198	1480	0349	34956	644	2782	14892
212	1617	0342	34959	639	2783	14913
212	1816	0326	34961	637	2785	14940
212	2014	0306	34953	644	2786	14965
212	2215	0248	34927	668	2789	14974
212	2265	0232	34918	676	2790	14975
212	2316	0212	34916	672	2792	14975
212	2366	0193	34915	676	2793	14976
212	2417	0179	34916	686	2794	14978

*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

C-REF-NO 001 YR 1966 DEPTH 2012 WAVES 1 0365 AIR T 04.1 VIS 7
 CONS. NO 141 MONTH 5 MXSAMPD 20 WAVES 2 0265 WET B 02.1 STN
 LAT 59-458N DAY 07 NO.DPTH 25 WND-DIR 030 WW-CODE 03
 LON 41-178W HR 00.5 W-COLOR WND-SPD 13 CLD-TPE 8
 MARSD SQ 185 C/I 1810 W-TRNSP BARO 1012.9 CLD-AMT 8 HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0003	0501	34949		2765	14710
004	0050	0504	34958		2766	14720
004	0099	0527	35007		2767	14738
004	0148	0532	35018		2767	14748
004	0197	0533	35018		2767	14756
004	0246	0533	35017		2767	14764
004	0294	0537	35021		2767	14774
004	0392	0523	35008		2768	14784
004	0489	0485	34972		2769	14784
004	0586	0445	34947		2772	14783
004	0685	0419	34937		2774	14789
004	0783	0399	34933		2776	14797
004	0882	0385	34933		2777	14807
004	0982	0376	34935		2778	14820
004	1082	0367	34939		2779	14833
004	1180	0359	34942		2780	14846
004	1279	0344	34932		2781	14856
004	1375	0331	34931		2782	14867
004	1470	0318	34929		2783	14877
018	1556	0303	34929	666	2785	14885
018	1753	0258	34918	674	2788	14899
018	1854	0240	34916	681	2789	14909
018	1906	0236	34915	678	2790	14916
018	1958	0233	34913	678	2790	14923
018	2011	0229	34913	683	2790	14930

C-REF-NO 001	YR 1966	DEPTH 1900	WAVES 1 3467	AIR T 01.3	VIS 7
CONS. NO 142	MONTH 5	MXSAMPD 18	WAVES 2 0367	WET B 00.8	STN
LAT 59-580N	DAY 07	NO.DPTH 20	WND-DIR 340	WW-CODE 03	
LON 41-348W	HR 07.1	W-COLOR	WND-SPD 15	CLD-TPE 8	
MARSD SQ 185	C/I 1810	W-TRNSP	BARO 1012.8	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0003	0495	34953		2767	14708
071	0046	0496	34952	729	2766	14715
071	0092	0508	34964	724	2766	14728
071	0139	0529	35011	698	2767	14745
071	0187	0532	35015	701	2767	14754
071	0285	0528	35009	699	2767	14769
071	0383	0521	34997	685	2767	14782
071	0483	0477	34960	662	2769	14780
071	0584	0427	34933	656	2773	14775
071	0684	0404	34924	662	2774	14782
071	0784	0382	34934	662	2777	14790
071	0884	0374	34939	661	2779	14803
071	0985	0362	34940	662	2780	14815
071	1084	0350	34934	662	2781	14826
071	1183	0335	34939	667	2782	14836
071	1379	0314	34936	662	2784	14860
071	1576	0267	34918	679	2787	14873
071	1675	0237	34919	687	2790	14877
071	1775	0225	34914	688	2790	14889
071	1826	0226	34915	688	2790	14898

C-REF-NO 001	YR 1966	DEPTH 750	WAVES 1 XX	AIR T 01.2	VIS 9
CONS. NO 143	MONTH 5	MXSAMPD 07	WAVES 2 XX	WET B 00.0	STN
LAT 60-084N	DAY 07	NO.DPTH 9	WND-DIR 010	WW-CODE	
LON 42-012W	HR 10.7	W-COLOR	WND-SPD 15	CLD-TPE 6	
MARSD SQ 221	C/I 1810	W-TRNSP	BARO 1015.3	CLD-AMT 8	HW

O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0400				
107	0054	0451	34806	718	2760	14696
107	0153	0498	34928	705	2764	14734
107	0250	0506	34955	698	2765	14753
107	0348	0505	34957	697	2766	14769
107	0443	0511	34963	696	2765	14787
107	0537	0513	34975	697	2766	14804
107	0629	0508	34980	688	2767	14817
107	0718	0505	34976	693	2767	14830

REFERENCES

- Brown, N.L., and B.V.
Hamon, 1961
- Ekman, V.W., 1908
- Grasshoff, K. 1964
- Knudsen, Martin, 1901
- Montgomery, H.A.C., N.S.
Thom and A. Cockburn, 1964
- Parry, M. Jr., 1962
- Sauer, C.D., and N.P.
Fofonoff
- Strickland, J.D.H. and
T.R. Parsons, 1960
- Wilson, W.D., 1960
- An Inductive Salinometer. Deep-Sea Research,
Vol. 8, No. 1, pp. 65-75.
- Die Zusammendrückbarkeit des Meerwassers
nebst einigen Werten für Wasser und
Quecksilber. Publ. Circ. Cons. Explor. Mer.,
No. 43, 47 pp.
- On the Determination of Silica in Sea Water
D.S.R. Vol. 11 pp. 597-604.
- Hydrographischen Tabellen. Copenhagen,
63 pp.
- Determination of Dissolved Oxygen by the
Winkler Method and the Solubility of Oxygen
in Pure Water and Sea Water. J. Appl. Chem.
14 July, 1964 pp. 280-296
- Interpolation Errors and Oceanographic
Sampling. Deep-Sea Research. Vol. 9, pp.
25 to 37.
- Oceans II, A Computer Program for Processing
Oceanographic Data (Unpublished).
- A Manual of Seawater Analysis. Bull. Fish.
Res. Bd. Canada, No. 125, 185 pp.
- Equation for the Speed of Sound in Seawater.
Journ. Acoust. Soc., America 32 (10); p.1357.

PRINTED PUBLICATIONS OF THE CANADIAN OCEANOGRAPHIC DATA CENTRE
IN THE 1968 DATA RECORD SERIES

NO.	TITLE	CODC REFERENCE
1	Stanwell-Fletcher Lake, Somerset Island, N.W.T. 1965-1966	07-65-002 07-66-002
2	Ocean Weather Station "P"	02-67-001 02-67-002
3	Gulf of St. Lawrence	10-67-008
4	Hudson Bay, Hudson Strait and Arctic	02-67-001 02-67-013
5	Ocean Weather Station "P"	02-67-003 02-67-004
6	Baffin Bay Bathythermograms	10-64-020
7	Scotian Shelf	10-67-002
8	Observations of Seawater Temperature and Salinity on the Pacific Coast of Canada, 1966 (Restricted)	
9	Ocean Weather Station "P"	02-67-005 02-67-006

